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2:3:4-Trimethyl methylglucopyruronoside, methyl ester, 343.
2:3:5-Trimethyl β-methylglucuronoside, 343.
2:2:7-Trimethyl-3:4-*cyclo*penteno-Δ^3-chromen, 5-hydroxy-, 172.
2:4:5-Trimethylphenacyl bromide, 799.
2:3:5-Trimethyl saccharolactone methyl ester, 342.
2:2:5′-Trimethyl-3′:4′:5′:6′-tetrahydrodibenzopyran, 4″:6″-*di*hydroxy-, 829.
***NN′N″*-Trimethyltrimethylenetriamine *di*chloride,** 41.
2:4:6-Triphenyl-2-*n*-butyl-1:2-dihydro-1:3:5-triazine, and its derivatives, 329.
2:4:6-Triphenyl-1:2-dimethyl-1:2-dihydro-1:3:5-triazine, 328.
Triphenylene, 2-hydroxy-, and its acetyl derivative, 18.
2:4:6-Triphenyl-2-ethyl-1:2-dihydro-1:3:5-triazine, 328.
2:4:6-Triphenyl-5-ethylpyrimidine, 329.
2:4:6-Triphenyl-2-methyl-1:2-dihydro-1:3:5-triazine, and its derivatives, 327.
2:4:6-Triphenyl-5-methylpyrimidine, 329.
2:4:6-Triphenyl-2-*n*-propyl-1:2-dihydro-1:3:5-triazine, and its sulphate, 329.
2:4:6-Triphenyl-2-*iso*propyl-1:2-dihydro-1:3:5-triazine, 329.
2:4:6-Triphenyl-5-*n*-propylpyrimidine, 330.
***o*-Trisulphidobenzoic acid** thioanhydride, identity of, with 2-dithiobenzoyl, 793.
Triterpene group, 181.
Triterpene resinols, 35, 319.
Tryptophan, tests for, 153.
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V.

Valeric acid, γ-chloro-γ-nitroso-, preparation of, 603.
3-Vanillylidene-*N*-methyloxindole, 622.
Velocity of reaction at low temperatures, 118, 854.
β-Veratroyl-α-anisylpropionic acid, and its amide, 579.
5-*o*-Veratryl-3:6-methylene-Δ^1-*cyclo*hexene-4-oxalic acid, methyl ester, 722.
Vinyl compounds, polymerisation of, 416.
Viscosity of oil-in-water emulsions, 542.
Vitamin-*B*, constituents of, 427.
Volume, molecular, and structure, 299.

Y.

Yeast, mannan of, 833.
Yohimbine, constitution of, 153.
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FORMULA INDEX.

The following index of organic compounds of known empirical formula is arranged according to Richter's system (see *Lexikon der Kohlenstoff-Verbindungen*).

The elements are given in the order, C, H, O, N, Cl, Br, I, F, S, P, and the remainder alphabetically.

The compounds are arranged—

Firstly, in groups according to the number of carbon atoms (thus C_1 group, C_2 group, etc.).

Secondly, according to the number of other elements besides carbon contained in the molecule (thus 5 IV indicates that the molecule contains five carbon atoms and four other elements).

Thirdly, according to the nature of the elements present in the molecule (given in the above order).

Fourthly, according to the number of atoms of each single element (except carbon) present in the molecule.

Salts are placed with the compounds from which they are derived. The chlorides, bromides, iodides, and cyanides of quaternary ammonium bases, however, are registered as group-substances.

C_1 Group.

CH_2O Formaldehyde, analysis of mixtures of formic acid and, 51.
CH_2O_2 Formic acid, determination of, in mixtures with formaldehyde, 51.
CH_2N_2 Diazomethane, action of, on diphenyl triketone and on α-keto-lactones, 348.

C_2 Group.

C_2D_4 Tetradeuterethylene, preparation of, 596.

2 II

$C_2Br_2D_4$ Tetradeuterethylene dibromide, preparation of, 596.

2 III

$C_2HO_2Cl_3$ Trichloroacetic acid, formation of, from perchloroethylene, 145.
C_2H_3ON Methyl *iso*cyanate, 30.
$C_2H_5O_2N$ Nitroethane, ionisation of, 854.

2 V

$C_2H_9O_2N_2ClS$ Taurine amide hydrochloride, 77.

C_3 Group.

C_3H_6O Acetone vapour, photodecomposition of, 590.

C_4 Group.

$C_4H_2O_3$ Maleic anhydride, addition of, to substituted styrenes, 715.
$C_4H_6O_2$ Diacetyl, electric polarisation and molecular vibration of, 727.

4 IV

$C_4H_6O_2ClBr$ β-Bromoethyl chloroacetate, 191.
$C_4H_{11}O_3NS$ α-Amino*iso*butanesulphonic acid, 76.

C_5 Group.

$C_5H_{11}N$ Ethylallylamine, picrate of, 41.

5 III

$C_5H_{12}O_2Te$ *n*-Amyltellurinic acid, 71.

5 IV

$C_5H_8O_3NCl$ γ-Chloro-γ-nitrosovaleric acid, 603.
$C_5H_{13}O_3NS$ α-Amino*iso*pentanesulphonic acid, 76.

C_6 Group.

C_6H_7N *iso*Nicotinic acid, 43.
$C_6H_8O_2$ Sorbic acid, electrolytic reduction of, 874.
$C_6H_8N_2$ *m*-Phenylenediamine, picrate of, 487.
$C_6H_{12}N_4$ Hexamethylenetetramine, reaction of, with phenols, 547.

6 III

$C_6H_5O_2F$ 2-Fluorobenzoquinone, 646.
C_6H_5OF *m*-Fluorophenol, coupling of, with diazotised amines, 645.
C_6H_8OS Δ^3-Dihydrothiopyran-3-aldehyde, 407.
$C_6H_{18}N_3Cl_3$ *NN'N''*-Trimethyltrimethylenetriamine dichloride, 41.

6 IV

$C_6H_5O_3N_2F$ 3-Fluoro-6-nitroaniline, 768.
C_6H_6ONF 3-Fluoro-4-aminophenol, 646.
$C_6H_6O_2N_2S$ Sulphanilamide, condensation of, with halogeno-pyridines and -quinolines, 9.
$C_6H_{10}O_4NaAu$ Sodium diethyloxalatogold, 107.
$C_6H_{12}O_5NCl$ Methyl lævulate oxime hydrochloride, 604.

C_7 Group.

C_7H_5N Benzonitrile, action of, with alkali organic compounds, 323.
$C_7H_6O_2$ Benzoic acid, sodium hydrogen salt, 262.
C_7H_9N 2-Methyl-Δ^1-*cyclo*pentene-1-nitrile, 467.
$C_7H_{10}O_2$ 2-Methyl-Δ^1-*cyclo*pentene-1-carboxylic acid, 467.
$C_7H_{10}O_4$ β-(β'-Carboxyethyl)butyrolactone, 584.
$C_7H_{10}O_5$ 5-Methyl 3:6-anhydro-γ-gluconolactone, 94.
$C_7H_{10}O_6$ β-Methylglucofururonoside γ-lactone, 342.
$C_7H_{12}O_5$ 3:6-Anhydro-α-methylglucofuranoside, 96.
$C_7H_{14}O$ *dl*-$\alpha\gamma$-Diethylallyl alcohol, synthesis and resolution of, 316.
$C_7H_{17}N$ *dl*-γ-Heptylamine, and its hydrochloride, 267.

7 III

$C_7H_3NCl_3$ 2:4:5-Trichlorobenzonitrile, 800.
$C_7H_4OS_2$ *o*-Trisulphidobenzoic acid thioanhydride, identity of, with 2-dithiobenzoyl, 793.
$C_7H_4O_4Br_2$ 3:5-Dibromo-6-hydroxy-2-methoxy-*p*-benzoquinone, 660.
C_7H_7NCl Cyanomethylpyridinium chloride, 506.
$C_7H_9ON_3$ *m*-Aminoformaldehyde, 124.
C_7H_9ON Methyl-4-pyridylcarbinol, and its salts, 45.
$C_7H_{12}OS$ 3-α-Hydroxyethyl-Δ^3-dihydrothiopyran, 407.
$C_7H_{13}ON$ 2-Acetyl-1-methylpyrrolidine, and its aurichloride, 337.
4-Acetylpiperidine, and its salts, 47.
Bellaradine, and its salts, 335.
Nor-ψ-tropine, and its salts, 337.
$C_7H_{13}O_5N$ 5-Methyl 3:6-anhydrogluconamide, 94.
$C_7H_{13}O_6N$ β-Methylglucofururonoside amide, 342.
$C_7H_{15}O_6N$ 3-Methyl glucosamic acid, 51.

7 IV

$C_7H_4O_2N_3Br$ 3-Bromo-5-nitroindazole, 117.
$C_7H_3O_6N_2F$ 3-Fluorodinitroanisoles, 793.
$C_7H_9ON_2Cl$ Acetamidopyridinium chloride, 506.
$C_7H_9O_3NS$ α-Aminophenylmethanesulphonic acid, 76.

C_8 Group.

$C_8H_8O_2$ Phenylacetic acid, molecular compounds of, with its salts, 259.
$C_8H_8O_4$ Fumigatin, 672.
$C_8H_8O_5$ 2-Hydroxy-3:6-dimethoxy-1:4-benzoquinone, 668.
2:3:6-Trihydroxy-4-methoxybenzaldehyde, 661.
C_8H_9N 4-α-Methylvinylpyridine, and its salts, 44.
$C_8H_{10}O_3$ 3-Methyl-Δ^2-*cyclo*penten-1-one-2-acetic acid, 569.
$C_8H_{11}N$ 4-*iso*Propylpyridine, and its salts, 44.
$C_8H_{12}O_4$ Ethyl maleate, addition of, to substituted styrenes, 715.
$C_8H_{12}O_5$ 2:5-Dimethyl 3:6-anhydro-γ-gluconolactone, 95.
2-Hydroxy-3:6-dimethoxyquinol, 669.
$C_8H_{12}N_2$ *p*-Aminodimethylaniline, 613.
$C_8H_{14}O_5$ 2:4-Dimethyl 3:6-anhydroglucose, 100.
2:5-Dimethyl 3:6-anhydroglucose, 95.
5-Methyl 3:6-anhydromethylglucofuranoside, 95.
4-Methyl 3:6-anhydro-α-methylglucopyranoside, 99.
$C_8H_{14}O_6$ 2:4-Dimethyl 3:6-anhydrogluconic acid, 100.
3:4-Dimethyl δ-mannonolactone, 842.
Methyl 4-methyl 3:6-anhydrogluconate, 99.
$C_8H_{14}O_7$ Methyl methylglucopyruronoside, 343.

8 III

$C_8H_2O_2N_2$ 4-Nitrophthalonitrile, 639.
$C_8H_5OCl_3$ Trichloroacetophenones, 800.
$C_8H_5NS_2$ Dithiophthalimide, 627.

$C_8H_6N_2S$ *o*-Cyanothiobenzamide, 621, 634.
C_8H_7NS Thiophthalimidine, 634.
C_8H_7OI *o*- and *p*-Iodo-β-phenylethyl alcohols, 656.
$C_8H_9O_2N$ Ethyl pyridine-4-carboxylate, and its salts, 43.
$C_8H_9O_2N_3$ 4-Aminophthalodiamide, 640.
$C_8H_{10}O_2N_2$ Mandelohydrazides, 649.
$C_8H_{10}O_2N_4$ 3:6-Dihydroxyphthalodiamidine, 630.
$C_8H_{10}O_3N_2$ 4-Nitro-3-hydroxydimethylaniline, 767.
$C_8H_{10}NCl$ 3-Chlorodimethylaniline, and its salts, 767.
$C_8H_{10}NBr$ 3-Bromodimethylaniline, and its hydrochloride, 767.
$C_8H_{10}NI$ 3-Iododimethylaniline, and its salts, 767.
$C_8H_{10}NF$ 3-Fluorodimethylaniline, and its salts, 767.
$C_8H_{11}ON$ Dimethyl-4-pyridylcarbinol, and its salts, 44.
$C_8H_{14}O_2S$ Bis-γ-ketobutyl sulphide, 406.
$C_8H_{15}OBr$ *dl*(—)Ethyl-*n*-butylacetyl bromide, 266.
$C_8H_{15}O_2N$ 2:4-Dimethyl 3:5-anhydrogluconamide, 100.
2:5-Dimethyl 3:6-anhydrogluconamide, 95.
$C_8H_{16}NBr$ 4-α-Bromo*iso*propylpiperidine, hydrobromide of, 46.
$C_8H_{17}ON$ Dimethyl-4-piperidylcarbinol, and its salts, 46.

8 IV

$C_8H_4OCl_3Br$ Trichlorophenacyl bromides, 800.
C_8H_5ONS Thiophthalimide, 620, 627.
$C_8H_5O_3ClS$ 5-Chloro-3-hydroxy-1-thionaphthen 1:1-dioxide, 190.
$C_8H_6O_3N_2Br$ Bromonitromethylindazoles, 117.
$C_8H_7O_2N_2F$ 3-Fluoronitroacetanilides, 768.
C_8H_8ONF 3-Fluoroacetanilide, 768.
$C_8H_8O_2N_3Cl$ 2-Chloro-5-nitrobenzaldehyde methylhydrazone, 117.
$C_8H_9ON_2F$ 3-Fluoronitrosodimethylanilines, and their salts, 767.
$C_8H_9O_2N_2Cl$ 3-Chloronitrodimethylanilines, 769.
$C_8H_9O_2N_2Br$ 3-Bromonitrodimethylanilines, 769.
$C_8H_9O_2N_2I$ 3-Iodonitrodimethylanilines, 769.
$C_8H_9O_2N_2F$ 3-Fluoronitrodimethylanilines, 767.
$C_8H_{13}ON_2S$ 3-Acetyl-Δ^3-dihydrothiopyran, 407.
$C_8H_{16}ONI$ Bellaradine methiodide, 336.
$C_8H_{20}O_4SAu_2$ Tetraethylsulphatodigold, 106.

C_9 Group.

$C_9H_6O_3$ 2:3-Methylenedioxycoumarone, 349.
$C_9H_8O_2$ Cinnamic acid, sodium hydrogen salt, 262.
$C_9H_8O_3$ 3:5-Aldehydo-*o*-cresol, 549.
$C_9H_{10}O_4$ 2:4-Dihydroxy-3-methoxyacetophenone, 670.
$C_9H_{12}O_2$ *o*- and *p*-Methoxy-β-phenylethyl alcohols, 657.
$C_9H_{12}O_4$ 2:3-Dihydroxy-4:5-dimethoxytoluene, 671.
Ethyl *cyclo*hexane-1:4-dione-2-carboxylate, 583.
$C_9H_{12}O_5$ 1:2-Dihydroxy-3:4:5-trimethoxybenzene, 667.
1:2-Dihydroxy-3:4:6-trimethoxybenzene, 666.
$C_9H_{12}O_6$ 1:2-Acetone glucofururonolactone, 343.
$C_9H_{13}N$ Benzylethylamine, picrate of, 41.
Mesidine, oxidation of, 496.
$C_9H_{14}O_6$ 2:5-Dimethyl β-methylglucofururonoside γ-lactone, 342.
$C_9H_{16}O_5$ 2:5-Dimethyl 3:6-anhydro-α- and -β-methylglucofuranosides, 96.
2:4-Dimethyl 3:6-anhydro-α-methylglucopyranoside, 99.
2:4-Dimethyl 3:6-anhydro-β-methylglucopyranoside, 101.
2:4:5-Trimethyl 3:6-anhydro*aldehydo*glucose, 101.
$C_9H_{16}O_6$ 2:4:6-Trimethyl δ-mannonolactone, 841.
$C_9H_{18}O$ *l*(—)Methyl γ-heptyl ketone, 266.
$C_9H_{18}O_6$ 2:4:6-Trimethyl mannose, hydrate of, 839.
$C_9H_{22}O_2$ Diethylacetal, synthesis of, at low temperatures, 118.

9 III

$C_9H_6O_2S$ 2:3-Methylenedioxythionaphthen, 349.
$C_9H_7O_2Cl$ 6-Chloro-2:4-dialdehydo-*m*-cresol, 549.
$C_9H_9O_4N_2$ 6(or 5)-Nitro-*N*-methyloxindole, 623.
C_9H_9NCl α-Chloro-β-phenylpropionitrile, 506.
$C_9H_9O_2N$ 5-Hydroxy-*N*-methyloxindole, 623.
$C_9H_9O_2Cl$ 2-Chloro-4-aldehydo-*m*-5-xylenol, 549.
$C_9H_{10}ON_2$ 6(or 5)-Amino-*N*-methyloxindole, 623.
$C_9H_{10}OCl_2$ 2:4-Dichloro-3:5-dimethylphenyl methyl ether, 275.
$C_9H_{10}O_3N_2$ 3:5-Dialdehyde-*o*-cresol dioxime, 549.
$C_9H_{10}O_4N_2$ 2-Nitro-4-dimethylaminobenzoic acid, 564.
$C_9H_{11}ClS$ Methylthio-β-phenylethyl chlorides, 657.
$C_9H_{12}ON_2$ *p*-Nitrosomethylethylaniline, 474.

$C_9H_{12}OS$ Methylthio-β-phenylethyl alcohols, 656.
$C_9H_{12}O_2Te$ Ethyl *n*-amyltelluroacetate, 71.
$C_9H_{12}O_3S$ Methylsulphonyl-β-phenylethyl alcohols, 657.
$C_9H_{13}ON$ 3-Hydroxy-3-ethinylquinuclidine, 477.
$C_9H_{15}O_2N_3$ 2-Ethoxymethylene*cyclo*pentanone semicarbazone, 467.
$C_9H_{15}O_6N$ 1:2-Acetone glucofururonamide, 343.
$C_9H_{17}ON$ 3-Hydroxy-3-ethylquinuclidine, 477.
$C_9H_{17}O_6N$ 2:5-Dimethyl β-methylglucofururonoside amide, 342.
$C_9H_{19}ON$ *l*(+)Aceto-γ-heptylamide, 266.
$C_9H_{19}O_6N$ 2:4:6-Trimethyl *d*-mannonamide, 841.

9 IV

C_9H_8ONCl *p*-Methoxyphenylchloroacetonitrile, 506.
$C_9H_9O_3N_2Cl$ 6-Chloro-2:4-dialdehydo-*m*-cresol dioxime, 549.
$C_9H_{10}ONF$ 3-Fluoro-*N*-methylacetanilide, 767.
$C_9H_{10}ON_3I$ *o*-Iodoacetophenone semicarbazone, 490.
$C_9H_{10}O_2NCl$ 2-Chloro-4-aldehydo-*m*-5-xylenol oxime, 549.
$C_9H_{11}ON_3S$ Bis-γ-ketobutyl sulphide semicarbazone, 406.

C_{10} Group.

$C_{10}H_3Cl_5$ Pentachloronaphthalenes, 246.
$C_{10}H_4Cl_4$ Tetrachlo*r*onaphthalenes, 250.
$C_{10}H_6O_2$ 1:4-Naphthaquinone, absorption spectrum of, 159.
$C_{10}H_6Cl_6$ Dichloronaphthalene tetrachloride, 245.
$C_{10}H_{10}O_5$ 2-Acetoxy-3:6-dimethoxy-1:4-benzoquinone, 668.
$C_{10}H_{12}O$ Anethole, condensation of, after heating, 672.
$C_{10}H_{12}O_5$ 2:5-Dihydroxy-3:4-dimethoxyacetophenone, 667.
$C_{10}H_{12}O_6$ 2-Acetoxy-3:6-dimethoxyquinol, 668.
Tetramethoxy-*p*-benzoquinone, 662.
$C_{10}H_{14}O_3$ 3-β-Carboxyethyl-4-methyl-Δ^3-*cyclo*hexen-1-one, 586.
$C_{10}H_{14}O_4$ *cyclo*Hexylidenesuccinic acid, 585.
$C_{10}H_{14}O_5$ β-(β′-Carbethoxypropionyl)butyrolactone, 584.
$C_{10}H_{14}N_2$ Nicotine, distribution of, between trichloroethylene and water, 275.
$C_{10}H_{15}O_3$ *p*-Carboxyphenyltrimethylammonium hydroxide, salts of, 563.
$C_{10}H_{16}O_2$ Ethyl 1-methyl*cyclo*pentan-2-one-1-acetate, 468.
$C_{10}H_{16}O_5$ 1:2-Acetone 5-methyl 3:6-anhydroglucofuranose, 94.
$C_{10}H_{18}O_7$ 2:3:5-Trimethyl β-methylglucuronoside, 343.

10 III

$C_{10}H_7ON_3$ 4-Acetamidophthalonitrile, 640.
$C_{10}H_6N_2Cl_3$ 5-Chloro-1-(2′:5′-dichlorophenyl)-3-methylpyrazole, 286.
$C_{10}H_8N_2Cl_2$ 5-Amino-1-(2′:5′-dichlorophenyl)-3-methylpyrazole, 286.
Cyanoacetone 2:5-dichlorophenylhydrazone, 286.
$C_{10}H_{10}N_2Cl$ 5-Amino-1-(2′-chlorophenyl)-3-methylpyrazole hydrochloride, 286.
Cyanoacetone *o*-chlorophenylhydrazone, 286.
$C_{10}H_{11}ON$ Acetylindoline, 288.
$C_{10}H_{11}O_2N$ 5-Methoxy-*N*-methyloxindole, 624.
$C_{10}H_{11}O_2I$ Ethyl *o*-iodophenylacetate, 489.
$C_{10}H_{12}OCl_2$ 2:4-Dichloro-3:5-dimethylphenyl ethyl ether, 275.
$C_{10}H_{13}OBr$ 5-Bromo-*o*-tolyl *iso*propyl ether, 274.
$C_{10}H_{13}O_2N$ *N*-Acetyl-*p*-amino-β-phenylethyl alcohol, 656.
$C_{10}H_{14}O_2N$ *p*-Aldehydophenyltrimethylammonium hydroxide, salts of, 350.
$C_{10}H_{14}O_5N_2$ 3-Nitro-4-carboxyphenyltrimethylammonium hydroxide, salts of, 563.
$C_{10}H_{17}O_2N$ Ethyl 1-acetylpiperidine-4-carboxylate, 45.
$C_{10}H_{18}O_4S$ Bis-γ-acetoxypropyl sulphide, 406.
$C_{10}H_{18}O_5S$ Bis-γ-acetoxypropylsulphone, 406.
$C_{10}H_{19}O_2N$ Dimethyl-1-acetyl-4-piperidylcarbinol, 45.
$C_{10}H_{19}O_6N$ *N*-Acetyl 3-methyl α-methylglucosaminide, 51.
$C_{10}H_{20}O_4Au_2$ Tetraethyloxalatodigold, 107.
$C_{10}H_{24}O_2N_2$ Trimethylglycylcholine, and its salts, 191.

10 IV

$C_{10}H_3O_2NCl_4$ Tetrachloronitronaphthalene, 257.
$C_{10}H_5O_2Cl_3S$ Tetrachloronaphthalenesulphonyl chlorides, 246.
$C_{10}H_4O_4Cl_3S_2$ 1:2:3-Trichloronaphthalenedisulphonyl chloride, 250.
$C_{10}H_4O_2Cl_4S$ Trichloronaphthalenesulphonyl chlorides, 251.
$C_{10}H_4O_3Cl_4S$ Tetrachloronaphthalenesulphonic acids, and their salts, 246.
$C_{10}H_5O_2Cl_3S$ Dichloronaphthalenesulphonyl chlorides, 253.
$C_{10}H_5O_3Cl_3S$ Trichloronaphthalenesulphonic acids, and their salts, 249.
$C_{10}H_5O_6Cl_3S_2$ 1:2:3-Trichloronaphthalenedisulphonic acid, and its salts, 250.
$C_{10}H_6O_3Cl_2S$ Dichloronaphthalenesulphonic acids, sodium salts, 253.
$C_{10}H_7O_2ClS$ 5-Chloro-3-acetoxy-1-thionaphthen, 189.
5-Chloro-3-hydroxy-2-acetyl-1-thionaphthen, 189.

$C_{10}H_7O_4ClS$ 5-Chloro-3-acetoxy-1-thionaphthen 1:1-dioxide, 190.
5-Chloro-3-hydroxy-2-acetyl-1-thionaphthen 1:1-dioxide, 189.
$C_{10}H_{13}ONCl$ *o*-Acetamido-β-phenylethyl chloride, 659.
$C_{10}H_{13}O_5NS$ *N*-Carbobenzyloxytaurine, sodium salt, 76.
$C_{10}H_{14}O_4N_2S$ *N*-Carboxybenzyloxytaurine amide, 77.
$C_{10}H_{28}N_2Br_2Au_2$ Ethylenediaminotetraethyldibromogold, 107.

10 V

$C_{10}H_5O_3NCl_4S$ Tetrachloronaphthalenesulphonamide, 250.
$C_{10}H_6O_3NCl_3S$ Trichloronaphthalenesulphonamides, 249.
$C_{10}H_{28}O_4N_2SAu_2$ Ethylenediaminotetraethylsulphatodigold, 107.

C_{11} Group.

$C_{11}H_{18}$ 1-Methyloctalin, 569.

11 II

$C_{11}H_9I$ 1-Iodo-4-methylnaphthalene, 311.
$C_{11}H_{10}O_3$ Methyl benzylidenepyruvate, 722.
$C_{11}H_{14}O_3$ δ:2-Diketo-δ-*cyclo*hexylvalerolactone, 585.
$C_{11}H_{14}O_4$ 3-Hydroxy-4:5-dimethoxy-2-acetyltoluene, 671.
$C_{11}H_{14}O_5$ 2-Hydroxy-3:4:5-trimethoxyacetophenone, 667.
2-Hydroxy-4:5:6-trimethoxyacetophenone, 668.
$C_{11}H_{14}O_6$ 2:5-Dihydroxy-3:4:6-trimethoxyacetophenone, 669.
$C_{11}H_{16}O_2$ 6-Methoxy-$\Delta^{1,2}$-2-octalone, 392.
$C_{11}H_{16}O_4$ Methyl pentamethyleneparaconate, 585.
$C_{11}H_{16}O_5$ Pentamethoxybenzene, 666.
$C_{11}H_{18}O$ 6-Methoxy-$\Delta^{1,2}$-octalin, 392.
$C_{11}H_{18}O_2$ 6-Methoxy-2-decalone, 392.
$C_{11}H_{20}O$ 1-Methyl-2-decalol, 388.
trans-1-Methyl-α-decalol, 569.
$C_{11}H_{20}O_6$ 3:4-Dimethyl mannose 1:2-acetone, 842.
$C_{11}H_{20}O_7$ Methyl 2:3:4-trimethyl methylglucopyruronoside, 343.
$C_{11}H_{22}O_6$ 2:4:5-Trimethyl 3:6-anhydroglucose dimethylacetal, 101.

11 III

$C_{11}H_{11}ON$ 6-Methoxyquinaldine, 144.
$C_{11}H_{12}O_2N_2$ Tryptophan, tests for, 153.
$C_{11}H_{13}OBr$ 2:4:5-Trimethylphenacyl bromide, 799.
$C_{11}H_{14}OCl_2$ 2:4-Dichloro-3:5-dimethylphenyl *n*-propyl ether, 275.
$C_{11}H_{17}O_3N_3$ β-(β′-Carbethoxypropionyl)butyrolactone semicarbazone, 584.

11 IV

$C_{11}H_7O_5N_3S$ *p*-(5′-Nitro-2′-pyridylamino)benzenesulphonic acid, sodium salt, 13.
$C_{11}H_{10}O_4N_4S$ 5-Nitro-2-(*p*-aminobenzenesulphonamido)pyridine, 14.
p-(5′-Nitro-2′-pyridylamino)benzenesulphonamide, 13.
$C_{11}H_{11}O_2N_3S$ *p*-(2′-Pyridylamino)benzenesulphonamide, 11.
$C_{11}H_{11}O_3N_3S$ 6-Amino-2-pyridyl *p*-aminobenzenesulphonate, 292.
6-Hydroxy-2-(*p*-aminobenzenesulphonamido)pyridine, 293.
$C_{11}H_{12}O_2N_4S$ 5-Amino-2-(*p*-aminobenzenesulphonamido)pyridine, 14.
p-(5′-Amino-2′-pyridylamino)benzenesulphonamide, 13.

C_{12} Group.

$C_{12}H_{10}N_2$ *cis*-Azobenzene, bond lengths and resonance in, 409.
$C_{12}H_{12}O$ 2-Methyl-1-naphthylcarbinol, 505.
3-Phenyl-2-methyl-Δ^2-*cyclo*penten-1-one, 570.
$C_{12}H_{14}O$ 3-Phenyl-2-methyl*cyclo*pentan-1-one, 570.
$C_{12}H_{14}O_2$ 2:6-Dimethoxydihydronaphthalene, 389.
1-Piperonyl-Δ^1-pentene, 720.
$C_{12}H_{16}O_6$ 2:3-Diacetoxy-4:5-dimethoxytoluene, 672.
2-Hydroxy-3:4:5:6-tetramethoxyacetophenone, 670.
$C_{12}H_{16}O_4$ Methyl δ:2-diketo-δ-*cyclo*hexylvalerate, 584.
$C_{12}H_{18}O_6$ Hexamethoxybenzene, 662.
$C_{12}H_{20}O_2$ 6-Methoxy-1-methyl-2-decalone, 392.
1-Methyldecalin-6-carboxylic acid, 390.
9-Methyldecalin-1-carboxylic acid, 470.

12 III

$C_{12}H_9O_3Br$ 6-Bromo-2-methoxy-1-naphthoic acid, 687.
$C_{12}H_{10}O_3S$ 3-Acetoxy-2-acetyl-1-thionaphthen, 189.
$C_{12}H_{11}OCl$ 2-Methoxy-1-chloromethylnaphthalene, 504.
$C_{12}H_{12}O_3N_2$ α-Hydroxymethylamino-β-3-indolylpropionic acid, 157.
$C_{12}H_{13}O_3N$ Tetrahydrofurfuryl *p*-nitrobenzoates, 316.
$C_{12}H_{17}OBr$ 5-Bromo-*o*-tolyl *n*-amyl ether, 274.
$C_{12}H_{21}ON_3$ 1-Methyl-2-decalone semicarbazone, 388.
$C_{12}H_{24}O_4Au_2$ Tetraethylmethylmalonatodigold, 108.

12 IV

$C_{12}H_6O_3N_3F$ 3-Fluoro-3′-nitro-4-benzeneazophenol, 646.
$C_{12}H_9ON_2F$ 3-Fluoro-4-benzeneazophenol, 646.
$C_{12}H_{12}O_4N_4S$ Δ^3-Dihydrothiopyran-3-aldehyde 2:4-dinitrophenylhydrazone, 407.
$C_{12}H_{14}ONI$ 6-Methoxyquinaldine methiodide, 144.
$C_{12}H_{14}O_2N_2Cl_2$ Ethyl acetoacetate 2:5-dichlorophenylhydrazone, 286.
$C_{12}H_{28}O_6SAu_2$ Tetra-*n*-propylsulphatodigold, 107.

12 V

$C_{12}H_6O_4NClS$ 3-Chloro-2-nitrodiphenylsulphone, 726.
$C_{12}H_{14}O_6NS_2As$ Biscarboxymethyl 4-acetamido-2-hydroxyphenylthioarsinite, 192.

C_{13} Group.

13 II

$C_{13}H_{12}$ 5:6-Benzhydrindene, 588.
$C_{13}H_{16}$ 5:6:7:8-Tetrahydro-1:2-*cyclo*pentenonaphthalene, 400.

13 II

$C_{13}H_8O_3$ 2:3-Methylenedioxybenzocoumarones, 349.
$C_{13}H_{11}N$ 2-Methyl-1-naphthylacetonitrile, 505.
$C_{13}H_{11}N_3$ Proflavine, synthesis of, 121, 484.
$C_{13}H_{12}O_2$ 6-Hydroxy-5-methyl-2-acetonaphthone, 390.
$C_{13}H_{12}O_3$ 5-Hydroxy-7-methyl-3:4-*cyclo*pentenocoumarin, 172.
6-Methoxy-5-methyl-2-naphthoic acid, 390.
$C_{13}H_{14}O$ 8-Keto-5:6:7:8-tetrahydro-2:3-*cyclo*pentenonaphthalene, 588.
$C_{13}H_{14}O_3$ γ-Keto-γ-5-hydrindylbutyric acid, 587.
$C_{13}H_{14}O_5$ Methyl 2:3-dimethoxybenzylidenepyruvate, 722.
Tetrahydrofurfuryl hydrogen phthalates, 311.
$C_{13}H_{14}O_7$ 2:3:5-Triacetoxyanisole, 661.
$C_{13}H_{16}O_3$ γ-5-Hydrindylbutyric acid, 588.
5-Hydroxy-2:2:4:7-tetramethyl-Δ^3-chromen, 171.
$C_{13}H_{16}O_7$ 1:2-Diacetoxy-3:4:6-trimethoxybenzene, 666.
1:2-Diacetyl-3:4:5-trimethoxybenezene, 668.
$C_{13}H_{18}O$ 3-Keto-octahydro-1:2-*cyclo*pentenonaphthalene, 380.
$C_{13}H_{18}O_5$ 3-β-Carbomethoxyethyl-4-carbomethoxy-4-methyl-Δ^2-*cyclo*hexen-1-one, 585.
$C_{13}H_{18}O_6$ 2:3:4:5-Pentamethoxyacetophenone, 669.
$C_{13}H_{20}O_4$ Ethyl 2-γ-ketobutyl*cyclo*hexanone-2-carboxylate, 589.
$C_{13}H_{20}O_5$ Ethyl 3-carbethoxy-1-methyl*cyclo*pentan-2-one-1-acetate, 468.

13 III

$C_{13}H_8OCl_2$ 2:4-Dichlorophenyl chlorobenzyl ethers, 275.
$C_{13}H_9O_5N_3$ 3:3′-Dinitro-*N*-formyldiphenylamine, 486.
$C_{13}H_9O_7N_5$ Indazole picrate, 116.
$C_{13}H_{10}O_2Br_2$ 5-Bromo-6-methoxy-2-naphthacyl bromide 570.
$C_{13}H_{10}O_3N_2$ 3-Nitro-*N*-formyldiphenylamine, 486.
$C_{13}H_{11}ON$ 2-Methoxy-1-naphthylacetonitrile, 504.
$C_{13}H_{11}O_2Cl$ 5-Chloro-6-methoxy-2-acetonaphthone, 395.
$C_{13}H_{11}O_2Br$ Methyl 6-bromo-2-methoxy-1-naphthoate, 687.
$C_{13}H_{11}N_2Cl$ α-Cyanobenzylpyridinium chloride, 506.
$C_{13}H_{12}ON_2$ 3-Amino-*N*-formyldiphenylamine, 486.
$C_{13}H_{12}O_4N_2$ 2:3:4:5-Tetrahydro-β-carboline-2:4-dicarboxylic acid, 158.
$C_{13}H_{13}ON_3$ 3:3′-Diamino-*N*-formyldiphenylamine, 486.
$C_{13}H_{13}O_4N$ Ethyl *N*-methyloxindole-3-oxalate, 622.
$C_{13}H_{14}O_2N_2$ 3-Methyl-2:3:4:5-tetrahydro-β-carboline-4-carboxylic acid, 158.
$C_{13}H_{14}O_3N_2$ 2-Hydroxymethyl-2:3:4:5-tetrahydro-β-carboline-4-carboxylic acid, 158.
$C_{13}H_{14}O_4N_4$ 2-Methyl*cyclo*pentene-1-aldehyde 2:4-dinitrophenylhydrazone, 467.
$C_{13}H_{16}ON_4$ *N*-2′:4′-Diamino-α-hydroxybenzyl-*m*-phenylenediamine, 486.
2:4:2′:4′-Tetra-aminobenzhydrol, 487.

13 IV

$C_{13}H_9O_5N_3Cl$ 2-Chloro-5-nitrobenzaldehyde 2:4-dinitrophenylhydrazone, 117
$C_{13}H_{10}ONCl$ 2-Methoxy-1-naphthylchloroacetonitrile, 505.
$C_{13}H_{10}ONBr$ Bromo-2-methoxy-1-naphthylacetonitrile, 505.
$C_{13}H_{10}ONI$ 2′-Iodobenzanilide, 488.
$C_{13}H_{10}O_2ClBr$ 5-Chloro-6-methoxy-2-naphthacyl bromide, 572.
$C_{13}H_{12}O_5N_4S$ 5-Nitro-2-(*p*-acetamidobenzenesulphonamido)pyridine, 13.
$C_{13}H_{12}O_4N_2S$ 6-Amino-2-pyridyl *p*-acetamidobenzenesulphonate, 292.

13 V

$C_{13}H_7ONCl_2Br$ 2:4:5-Trichlorophenacylpyridinium bromide, 801.
$C_{13}H_{10}O_3NClS$ 2-Chloro-6-nitro-4′-methyldiphenyl sulphide, 725.
$C_{13}H_{10}O_4NClS$ 2-Chloro-6-nitro-4′-methyldiphenylsulphone, 725.
$C_{13}H_{12}O_2NClS$ Chloroamino-4′-methyldiphenylsulphones, 726.

C_{14} Group.

$C_{14}H_{14}$ 3′-Methyl-5:6-benzhydrindene, 588.

14 II

$C_{14}H_8O_2$ Anthraquinone, absorption spectrum of, 159.
$C_{14}H_8O_3$ Diphenic anhydride, reactions of, 282.
$C_{14}H_8O_5$ 6:7-Methylenedioxy-3-methylnaphthalene-1:2-dicarboxylic anhydride, 719.
$C_{14}H_{10}O_3$ 6′-Hydroxy-4-methyl-7:8-benzocoumarin, 390.
$C_{14}H_{10}O_4$ Diphenic acid, salts of, with optically active bases, 257.
$C_{14}H_{10}O_5$ 6:7-Methylenedioxy-3-methyl-3:4-dihydronaphthalene-1:2-dicarboxylic anhydride, 719.
$C_{14}H_{12}O_2$ 4-Hydroxy-3′-keto-6-methoxy-1:2-*cyclo*pentenonaphthalene, 399.
$C_{14}H_{12}O_5$ 6:7-Methylenedioxytetrahydronaphthalene-1:2-dicarboxylic anhydride, 718.
$C_{14}H_{14}O$ 2-Methyl-5:6-benzchroman, 589.
$C_{14}H_{14}O_2$ 6-Methoxy-5-methyl-2-acetonaphthone, 389.
$C_{14}H_{14}O_4$ 3-*p*-Methoxyphenyl-Δ^2-*cyclo*penten-1-one-2-acetic acid, 399.
$C_{14}H_{14}O_4$ 6:7-Methylenedioxy-3-methyltetrahydronaphthalene-1:2-dicarboxylic acid, 718.
$C_{14}H_{16}O_2$ 1-γ-Hydroxybutyl-2-naphthol, 589.
2-Methoxy-1-naphthylcarbinyl ethyl ether, 504.
$C_{14}H_{16}O_3$ 2-Acetoxy-3:6-dimethoxyquinol diacetate, 669.
$C_{14}H_{18}O_2$ β-Tetralyl-α-methylpropionic acid, 684.
$C_{14}H_{18}O_6$ 1:2:4:5-Tetramethoxy-3:6-diacetoxybenzene, 662.
$C_{14}H_{20}O$ 6-Keto-5-methyl-7:8-dihydro*cyclo*pentenonaphthalene, 588.
$C_{14}H_{20}O_3$ Ethyl 3-keto-4-methyl-$\Delta^{4:10}$-octalin-9-carboxylate, 589.
$C_{14}H_{22}O_3$ Ethyl 1-methyl-2-decalone-6-carboxylate, 393.
$C_{14}H_{24}O$ 3-Hydroxy-3-methyldecahydro-1:2-*cyclo*pentenonaphthalene, 381.

14 III

$C_{14}H_7O_5N_3$ Dinitrocyanobenzophenone, 281.
$C_{14}H_8O_7N_2$ 4:4′-Dinitrodiphenamic acid, 284.
$C_{14}H_{10}ON_2$ Phenyliminophthalimidine, 621.
Phthalimidephenylimine, 634.
$C_{14}H_{10}N_2S$ Thiophthalimidephenylimine, 634.
$C_{14}H_{11}O_2N_3$ Benzeneazopiperonaldoxime, 824.
$C_{14}H_{12}OCl_2$ 2:4-Dichlorophenyl *p*-methylbenzyl ether, 275.
$C_{14}H_{12}OBr_2$ Bromotolyl *p*-bromobenzyl ethers, 274.
$C_{14}H_{13}ON_3$ Benzeneazo-*p*-tolualdoxime, 824.
$C_{14}H_{13}OBr$ 5-Bromo-*o*-tolyl benzyl ether, 274.
$C_{14}H_{15}ON$ 1-γ-Ketobutyl-2-naphthol oxime, 589.
$C_{14}H_{15}O_2N$ 6-Methoxy-5-methylacetonaphthone oxime, 390.
$C_{14}H_{16}O_2N_2$ 2:3-Dimethyl-2:3:4:5-tetrahydro-β-carboline-4-carboxylic acid, 158.
Methyl 2-methyl-2:3:4:5-tetrahydro-β-carboline-4-carboxylate, hydrochloride, 158.
$C_{14}H_{17}ON_3$ 8-Keto-5:6:7:8-tetrahydro-2:3-*cyclo*pentenonaphthalene semicarbazone, 588.
$C_{14}H_{18}O_7N_4$ Bellaradine methopicrate, 336.
$C_{14}H_{19}O_4N$ 2:5-Dimethyl 3:6-anhydroglucose anilide, 95.
$C_{14}H_{19}O_6N$ *N*-Benzoyl α-methylglucosaminide, 49.
$C_{14}H_{28}O_2Au_2$ Tetraethylsaccharatodigold, 108.
$C_{14}H_{30}O_2S$ Bis-$\gamma\gamma$-diethoxypropyl sulphide, 407.

14 IV

$C_{14}H_8NClS$ 10-Chlorothionaphthindole, 190.
$C_{14}H_7O_3NS$ Nitro-2-methylthioxanthones, 749.
$C_{14}H_9O_5NS$ Nitro-2-methylthioxanthone dioxides, 750.
$C_{14}H_{11}O_3NS$ Nitro-2-methylthioxanthens, 749.
$C_{14}H_{11}O_3NS$ Nitro-2-(*p*-tolylthio)benzaldehydes, 748.
$C_{14}H_{11}O_3NS$ 5-Nitro-2-(*p*-tolylthio)benzoic acid, 749.
$C_{14}H_{11}O_5NS$ Nitro-(*p*-toluenesulphonyl)benzoic acids, 749.
$C_{14}H_{12}OClBr$ Bromotolyl chlorobenzyl ethers, 273.
$C_{14}H_{12}OBrF$ Bromotolyl *m*-fluorobenzyl ethers, 274.
$C_{14}H_{12}O_3NBr$ Bromotolyl nitrobenzyl ethers, 274.
$C_{14}H_{12}O_3N_2S$ Nitro-2-(*p*-tolylthio)benzaldoximes, 749.
$C_{14}H_{13}O_3ClS$ 2-Chloro-6-methoxy-4′-methyldiphenylsulphone, 726.
$C_{14}H_{15}O_3NS$ 2-Amino-6-methoxy-4′-methyldiphenylsulphone, 726.
Benzenesulphonamido-β-phenylethyl alcohols, 656.

14 V

$C_{14}H_{11}O_3N_2ClS$ 5-Chloro-3-hydroxy-1-thionaphthen 1:1-dioxide phenylhydrazone, 190.

C_{15} Group.

$C_{15}H_{12}O_5$ 6:7-Dimethoxy-3-methylnaphthalene-1:2-dicarboxylic anhydride, 719.
$C_{15}H_{14}O_3$ γ-Hydroxy-γ-2-naphthylvalerolactone, 381.
γ-2-Naphthyl-Δ^β-pentenoic acid, 382.
$C_{15}H_{14}O_5$ 4-Methoxy-3′-keto-6-methoxy-1:2-*cyclo*pentenonaphthalene, 400.

$C_{15}H_{14}O_4$ 5-Acetoxy-7-methyl-3:4-*cyclo*pentenocoumarin, 172.
$C_{15}H_{16}O_5$ 5:6-Dimethoxy-3-methyltetrahydronaphthalene-1:2-dicarboxylic anhydride, 720.
6:7-Dimethoxy-3-methyltetrahydronaphthalene-1:2-dicarboxylic anhydride, 719.
$C_{15}H_{16}N_2$ *NN'*-Diphenyl-*N*-methylacetamidine, 785.
$C_{15}H_{16}O_3$ 5-Hydroxy-2:2:7-trimethyl-3:4-*cyclo*penteno-Δ^3-chromen, 172.
2-Keto-4-furyl-10-methyl-$\Delta^{1:9}$-octalin, 469.
$C_{15}H_{16}O_3$ 5-Hydroxy-4-methyl-7-*n*-amylcoumarin, 171.
$C_{15}H_{18}O_4$ $\alpha\gamma$-Diethylallyl hydrogen phthalates, 318.
$C_{15}H_{22}O$ 1-Furyl-9-methyldecalin, 469.
$C_{15}H_{24}O$ Eremophilol, 67.

15 III

$C_{15}H_{11}O_2N_3$ 2:8-Diformamidoacridine, 124.
$C_{15}H_{11}O_6Cl$ 3:7:8:3':4'-Pentahydroxyflavylium chloride, 661.
$C_{15}H_{12}O_3N_4$ *p*-Nitrobenzeneazo-*N*-methyloxindole, 622.
$C_{15}H_{12}O_6N_2$ *p*-Nitrobenzyl nitrotoluates, 117.
$C_{15}H_{13}OCl_3$ 2:4-Dichloro-3:5-dimethylphenyl chlorobenzyl ethers, 275.
$C_{15}H_{13}O_4Br$ β-5-Bromo-6-methoxy-2-naphthoylpropionic acid, 571.
$C_{15}H_{14}OCl_2$ 2:4-Dichloro-3:5-dimethylphenyl benzyl ether, 275.
$C_{15}H_{15}OBr$ 3-Bromo-*p*-tolyl *p*-methylbenzyl ether, 273.
$C_{15}H_{15}O_2N$ *o*-Benzamido-β-phenylethyl alcohol, 288.
N-Benzoyl-*p*-amino-β-phenylethyl alcohol, 656.
$C_{15}H_{15}O_3N$ 4-Methoxy-3'-keto-6-methoxy-1:2-*cyclo*pentenonaphthalene oxime, 400.
3-Nitro-*p*-tolyl *p*-methylbenzyl ether, 274.
$C_{15}H_{17}O_2N_3$ 1-γ-Ketobutyl-2-naphthol semicarbazone, 588.
$C_{15}H_{19}O_2N$ Ethyl 1-benzoylpiperidine-4-carboxylate, 45.
$C_{15}H_{19}O_5N_3$ 4:7-Diketo-7-*p*-methoxyphenylheptoic acid semicarbazone, 399.
$C_{15}H_{21}O_7N$ Ethyl *N*-benzoyl glucosamate, 49.
$C_{15}H_{22}OBr_4$ Tetrabromoeremophilone, 66.
$C_{15}H_{23}O_3N_3$ Ethyl 3-keto-4-methyl-$\Delta^{4:10}$-octalin-9-carboxylate semicarbazone, 589.
$C_{15}H_{23}O_5N$ 3:4:6-Trimethyl mannose anilide, 841.

15 IV

$C_{15}H_{13}OClF$ 2:4-Dichloro-3:5-dimethylphenyl *m*-fluorobenzyl ether, 275.
$C_{15}H_{13}OCl_2Br$ 2:4-Dichloro-3:5-dimethylphenyl *p*-bromobenzyl ether, 275.
$C_{15}H_{13}O_2N_2S$ 2-(*p*-Aminobenzenesulphonamido)quinoline, and its sodium salt, 11.
1-(*p*-Aminobenzenesulphonamido)*iso*quinoline, 12.
p-Quinolylaminobenzenesulphonamides, 12.
$C_{15}H_{13}O_3NCl_2$ 2:4-Dichloro-3:5-dimethylphenyl nitrobenzyl ethers, 275.
$C_{15}H_{14}ONCl$ *o*-Benzamido-β-phenylethyl chloride, 659.
$C_{15}H_{14}OClBr$ 3-Bromo-*p*-ethylphenyl *p*-chlorobenzyl ether, 362.
$C_{15}H_{14}O_3NBr$ 3-Bromo-*p*-ethylphenyl nitrobenzyl ethers, 362.
$C_{15}H_{15}O_2NS$ *p*-Toluenesulphonylindoline, 288.

C_{16} Group.

$C_{16}H_{16}$ 9:10-Dimethyl-9:10-dihydroanthracene, 20.

16 II

$C_{16}H_{12}O_3$ $\alpha\beta$-Methylenedioxy-β-benzoyl-α-phenylethylene, 349.
$C_{16}H_{12}I_2$ 1:4-Bis-*o*-iodophenyl-$\Delta^{1:3}$-butadiene, 489.
$C_{16}H_{14}O_2$ 3-(6'-Hydroxy-2'-naphthyl)-2-methyl-Δ^2-*cyclo*penten-1-one, 571.
$C_{16}H_{14}O_4$ 4-Acetoxy-3'-keto-6-methoxy-1:2-*cyclo*pentenonaphthalene, 400.
$C_{16}H_{14}N_6$ β-*iso*Indigodihydrazone, 630.
$C_{16}H_{16}O_2$ 3-(6'-Hydroxy-2'-naphthyl)-2-methyl*cyclo*pentan-1-one, 571.
$C_{16}H_{16}O_3$ 1-γ-Ketobutyl-2-naphthyl acetate, 589.
$C_{16}H_{16}O_5$ 6:7-Methylenedioxy-3-propyltetrahydronaphthalene-1:2-dicarboxylic anhydride, 720.
$C_{16}H_{18}O_2$ 1:3-Di-*p*-hydroxyphenyl-2-methylpropane, 674.
$C_{16}H_{18}O_3$ 5-Hydroxy-5'-methyl-7-ethyl-3:4-*cyclo*hexenocoumarin, 828.
$C_{16}H_{18}O_5$ 6-Methoxy-7-ethoxy-3-methyltetrahydronaphthalene-1:2-dicarboxylic anhydride, 720.
$C_{16}H_{18}N_2$ *N*-Tolyl-*N'*-*p*-tolylacetamidines, 785.
$C_{16}H_{20}O_2$ 1-Keto-7-methoxy-2-methyloctahydrophenanthrene, 469.
$C_{16}H_{20}O_3$ 2:6-Di-α-furyl*cyclo*hexanol, 569.
4'':6''-Dihydroxy-2:2:5'-trimethyl-3':4':5':6'-tetrahydrodibenzopyran, 829.
Methoxy-3'-(carboxymethyl)tetrahydro*cyclo*pentenonaphthalene, 403.
$C_{16}H_{20}O_6$ 6-Methoxy-7-ethoxy-3-methyltetrahydronaphthalene-1:2-dicarboxylic acid, 720.
$C_{16}H_{24}O_3$ Tetrahydro-2:6-di-α-furyl*cyclo*hexanol, 569.
$C_{16}H_{26}O_2$ 2-Keto-7-methoxy-12-methyl-$\Delta^{1:11}$-dodecahydrophenanthrene, 392.

16 III

$C_{16}H_{10}O_2N_2$ β-*iso*Indigo, 629.
$C_{16}H_{10}N_2S_2$ Dithio-β-*iso*indigo, 625, 630, 637.
$C_{16}H_{11}N_2Cl$ 6-Chloro-2:4-diphenylpyrimidine, 328.
$C_{16}H_{12}N_4S_2$ Diaminodithio-β-*iso*indigo, 640.
$C_{16}H_{13}O_4N$ 4-Cyano-4'-methoxydioxybenzoin, 746.

$C_{16}H_{13}O_4Cl$ 7:8-Dihydroxy-4′-methoxyflavylium chloride, 661.
$C_{16}H_{16}OCl_2$ 2:4-Dichloro-3:5-dimethylphenyl *p*-methylbenzyl ether, 275.
$C_{16}H_{17}OBr$ 3-Bromo-*p*-ethylphenyl *p*-methylbenzyl ether, 362.
Bromotolyl *p*-ethylbenzyl ethers, 273.
$C_{16}H_{18}O_5N_4$ β-(β′-Carbethoxypropionyl)butyrolactone 2:4-dinitrophenylhydrazone, 584.
$C_{16}H_{19}O_3N_3$ Methyl benzylidenepyruvate semicarbazone, 722.
$C_{16}H_{20}NCl$ Dibenzyldimethylammonium chloride, 40.
$C_{16}H_{21}O_6N$ *N*-Acetyl 4:6-benzylidene α-methylglucosaminide, 51.
$C_{16}H_{24}OCl_2$ 2:4-Dichloro-3:5-dimethylphenyl octyl ether, 275.
$C_{16}H_{24}O_4Au_2$ Tetraethyl-*n*- and -*iso*-phthalatodigold, 108.
Tetraethylterephthalatodigold, 108.
$C_{16}H_{25}ON_3$ 2-Keto-12-methyl-$\Delta^{1:11}$-dodecahydrophenanthrene semicarbazone, 388.
$C_{16}H_{23}O_5N$ 2:3:4:6-Tetramethyl *dl*-galactose anilide, 130.

16 IV

$C_{16}H_8O_2N_2Br_2$ 6:6′-Dibromo-β-*iso*indigo, 636.
$C_{16}H_8N_2S_2Cd$ Cadmium dithio-β-*iso*indigo, 628.
$C_{16}H_8N_2S_2Cu$ Cupric dithio-β-*iso*indigo, 628.
$C_{16}H_8N_2S_2Hg$ Mercuric dithio-β-*iso*indigo, 628.
$C_{16}H_9ON_2Br$ 1-Bromo-3-phthalimidyl*iso*indolenine, 635.
$C_{16}H_{11}N_3ClS$ 8-Chloro-1-phenyl-3-methyl-4:5-thionaphthenopyrazole, 189.
$C_{16}H_{12}O_6N_4S_2$ 4:4′-Dinitrodiphenoylthiourea, 284.
$C_{16}H_{14}O_2N_4S$ *p*-(2′-Pyridylamino)benzenesulphon-2′-pyridylamide, 14.
$C_{16}H_{14}O_2N_4S_2$ Diphenoylthiourea, 284.
$C_{16}H_{14}O_6N_2S$ 3:5-Dinitrobenzoyl-*o*-methylthio-β-phenylethyl alcohol, 657.
$C_{16}H_{15}O_3NS$ *p*-Nitrobenzoyl-*o*-methylthio-β-phenylethyl alcohol, 657.
$C_{16}H_{16}ONCl$ β-Chloro-β-nitroso-αβ-diphenylbutane, 603.
$C_{16}H_{16}O_3NBr$ 3-Bromo-*p*-*n*-propylphenyl nitrobenzyl ethers, 363.
$C_{16}H_{22}O_6NAu_2$ Tetraethyl-3-nitrophthalatodigold, 108.

16 V

$C_{16}H_{12}ON_2ClS$ 8-Chloro-1-phenyl-3-methyl-4:5-thionaphthenopyrazole hydrazone, 189.

C_{17} Group.

$C_{17}H_{12}O_3$ *apo*Dihydroxyketo*cyclo*pentenophenanthrene, 396.
$C_{17}H_{13}N$ 1-*o*-Aminobenzylnaphthalene, 352.
$C_{17}H_{16}O$ 3′-Keto-1:2:3:4-tetrahydro-1:2-*cyclo*pentenophenanthrene, 573.
2-Phenyl-7-methyltetral-1-one, 112.
$C_{17}H_{16}O_2$ 2-*p*-Anisyltetral-1-one, 112.
$C_{17}H_{16}O_3$ 3-Hydroxy-3-(6′-methoxy-2′-naphthyl)*cyclo*pentane-1-carboxylactone, 382.
3-β-Naphthyl*cyclo*pentan-1-one-2-acetic hydroxylactone, 568.
$C_{17}H_{16}O_4$ α-3:4-Methylenedioxyphenyl-γ-phenylbutyric acid, 112.
4-Propionoxy-3′-keto-6-methoxy-1:2-*cyclo*pentenonaphthalene, 400.
$C_{17}H_{16}N_2$ 4:5-Diphenyl-2-ethylglyoxaline, 281.
$C_{17}H_{18}O$ α-*p*-Anisyl-γ-phenylbutyric acid, 112.
3-(6′-Methoxy-2′-naphthyl)-2-methyl*cyclo*pentan-1-one, 571.
$C_{17}H_{18}O_2$ 6″-Hydroxy-2:2:5′:4″-tetramethyldibenzopyran, 140.
α-Phenyl-γ-*p*-tolylbutyric acid, 112.
$C_{17}H_{20}O$ 3-Hydroxyhexahydro-1:2-*cyclo*pentenophenanthrene, 379.
$C_{17}H_{20}O_3$ 5-Hydroxy-7-*n*-amyl-3:4-*cyclo*pentenocoumarin, 172.
$C_{17}H_{20}O_4$ 5-Acetoxy-4-methyl-7-*n*-amylcoumarin, 171.
$C_{17}H_{22}O_4$ Dimethoxy(carboxymethyl)tetrahydro*cyclo*pentenonaphthalene, 403.
$C_{17}H_{24}O_2$ 5-Hydroxy-2:2:7-tetramethyl-3-*n*-butyl-Δ^3-chromen, 829.
6″-Hydroxy-2:2:5′:4″-tetramethyl-1′:2′:3′:4′:5′:6′-hexahydrodibenzopyran, 139.
5-Hydroxy-2:2:4-trimethyl-7-*n*-amyl-Δ^3-chromen, 171.

17 III

$C_{17}H_{11}O_3Cl$ *apo*Chlorodihydroxyketo*cyclo*pentenophenanthrene, 396.
$C_{17}H_{13}O_3N$ Anhydrophthalimide-*N*-methyloxindole, 621.
2:3-Methylenedioxy-10-methylquinindoline, 623.
$C_{17}H_{13}N_2S_2$ *S*-Methyldithio-β-*iso*indigo, 634.
$C_{17}H_{13}N_2Cl$ 6-Chloro-2:4-diphenyl-5-methylpyrimidine, 329.
$C_{17}H_{14}ON_2$ 6-Hydroxy-2:4-diphenyl-5-methylpyrimidine, 329.
$C_{17}H_{14}O_3N_2$ 3-6′-Aminopiperonylidene-*N*-methyloxindole, 622.
$C_{17}H_{15}O_2Br$ 3-(5′-Bromo-6′-methoxy-2′-naphthyl)-2-methyl-Δ^2-*cyclo*penten-1-one, 571.
$C_{17}H_{15}O_3N$ 3-Vanillylidene-*N*-methyloxindole, 622.
$C_{17}H_{15}O_5N$ 3-Methyl glucosamine, and its hydrochloride, 50.
$C_{17}H_{17}O_2N$ 2-*p*-Anisyltetral-1-one oxime, 112.
$C_{17}H_{17}O_2Cl$ 3-(5′-Chloro-6′-methoxy-2′-naphthyl)-2-methyl*cyclo*pentan-1-one, 572.
$C_{17}H_{18}OCl_2$ 6-Chlorothymyl *p*-chlorobenzyl ether, 364.
$C_{17}H_{18}OBr_2$ 3-Bromo-*p*-*tert*.-butylphenyl *p*-bromobenzyl ether, 363.
$C_{17}H_{18}O_2S$ 3-Keto-7-hydroxyoctahydrothiopyrano(4′:3′:1:2)phenanthrene, 407.

$C_{17}H_{19}O_2N_3$ Hydratropaldehyde mandelohydrazones, 652.
$C_{17}H_{19}OCl$ 6-Chlorothymyl benzyl ether, 364.
$C_{17}H_{19}OBr$ 3-Bromo-*p-tert.*-butylphenyl benzyl ether, 363.
6-Bromothymyl benzyl ether, 364.
$C_{17}H_{19}O_3N$ 3-Nitro-*p-tert.*-butylphenyl benzyl ether, 363.
$C_{17}H_{22}O_4N_4$ 1-Methyl-2-decalone 2:4-dinitrophenylhydrazone, 388.
$C_{17}H_{23}O_6N$ *N*-Acetyl 4:6-benzylidene 3-methyl *α*-methylglucosaminide, 51.

17 III

$C_{17}H_{11}O_2NS$ Nitro-1:2-benzthioxanthens, 750.
$C_{17}H_{11}O_3NS$ 4-Nitro-2-(*β*-naphthylthio)benzaldehyde, 749.
$C_{17}H_{12}ON_2S$ *S*-Methylthio-*β*-*iso*indigo, 629.
$C_{17}H_{13}O_2N_3S$ 2-(*p*-Acetamidobenzenesulphonamido)quinoline, 11.
$C_{17}H_{13}O_2N_3S$ 1-(*p*-Acetamidobenzenesulphonamido)*iso*quinoline, 12.
$C_{17}H_{18}OClBr$ 3-Bromo-*p-tert.*-butylphenyl *p*-chlorobenzyl ether, 363.
6-Bromothymyl *p*-chlorobenzyl ether, 364.
6-Chlorothymyl *p*-bromobenzyl ether, 364.
$C_{17}H_{18}O_3NCl$ 6-Chlorothymyl *o*-nitrobenzyl ether, 364.
$C_{17}H_{18}O_3NBr$ 3-Bromo-*p-tert.*-butylphenyl nitrobenzyl ethers, 363.
6-Bromothymyl *o*-nitrobenzyl ether, 364.
3-Nitro-*p-tert.*-butylphenyl *p*-bromobenzyl ether, 363.

C_{18} Group.

$C_{18}H_{14}$ 9-Methyl-1:2-benzfluorene, 538.
$C_{18}H_{18}$ 1-Methyl-6-*iso*propylphenanthrene, 70.
$C_{18}H_{20}$ Octahydrotriphenylene, 17.
1:2:9:10-Tetramethyl-9:10-dihydroanthracene, 19.

18 II

$C_{18}H_{12}O$ 2-Hydroxytriphenylene, 18.
2-Methyl-3:4-benzfluorenone, 311.
$C_{18}H_{12}O_4$ 4:4′-Dimethyl-7:8:8′:7′-coumarinocoumarin, 390.
$C_{18}H_{14}O$ 9-Methyl-1:2-benzfluoren-9-ol, 538.
$C_{18}H_{14}O_2$ 1-Phenylmethylnaphthalene-2′-carboxylic acids, 311.
$C_{18}H_{14}O_4$ 5-Methoxy-2-piperonylidene-*α*-hydrindone, 574.
$C_{18}H_{16}O_2$ 1-Methyl-6-*iso*propylphenanthraquinone, 70.
$C_{18}H_{16}O_3$ 4-Hydroxy-3′-keto-7-methoxy-9:10-dihydro-1:2-*cyclo*pentenophenanthrene, 397.
$C_{18}H_{16}N_2$ *N*-Phenyl-*N*′-*β*-naphthylacetamidine, 785.
$C_{18}H_{16}O_2$ 2-*p*-Anisyl-7-methyltetral-1-one, 112.
$C_{18}H_{18}O_4$ 4:6-Dimethoxy-1:2-*cyclo*pentadienonaphthalene-3′-*α*-ethylcarboxylic acid, 402.
α-3:4-Methylenedioxyphenyl-*γ*-*p*-tolylbutyric acid, 112.
β-*p*-Toluoyl-*α*-*p*-anisylpropionic acid, 111.
3:4:3′-Trimethoxychalkone, 581.
$C_{18}H_{18}O_5$ 4:4′-Dimethoxydesylacetic acid, 578.
$C_{18}H_{18}N_2$ 4:5-Diphenyl-2-*iso*propylglyoxaline, 281.
$C_{18}H_{20}O$ 3′-Hydroxy-3′-methyl-1:2:3:4-tetrahydro-1:2-*cyclo*pentenophenanthrene, 575.
$C_{18}H_{20}O_2$ 4:6-Dimethoxy-3′-*iso*propylidene-1:2-*cyclo*pentenonaphthalene, 402.
$C_{18}H_{20}O_3$ *α*-*p*-Anisyl-*γ*-*p*-tolylbutyric acid, 112.
1:3-Di-*p*-methoxyphenyl-2-methylpropan-1-one, 674.
$C_{18}H_{20}O_5$ Methyl 5-*o*-veratryl-3:6-methylene-Δ^1-*cyclo*hexene-4-oxalate, 722.
$C_{18}H_{22}O_2$ 1:3-Di-*p*-methoxyphenyl-2-methylpropane, 674.
5-Hydroxy-7-*n*-amyl-3:4-*cyclo*hexenocoumarin, 171.
3-Hydroxy-7-methoxyhexahydro-1:2-*cyclo*pentenophenanthrene, 380.
$C_{18}H_{22}O_6$ Ethyl 6:7-methylenedioxy-3-methyltetrahydronaphthalene-1:2-dicarboxylate, 718.
$C_{18}H_{24}O$ 1-Phenyl-2-*cyclo*hexenyl*cyclo*hexanol, 16.
$C_{18}H_{24}O_2$ 6″-Hydroxy-2:2:5′-trimethyl-4″-ethyl-3′:4′:5′:6′-tetrahydrodibenzopyran, 828.
$C_{18}H_{24}O_2$ *l*-Menthyl benzoylformate, mutarotation of, in ethyl-alcoholic solution, 538.
$C_{18}H_{26}O_2$ Ethyl 2-keto-12-methyl-$\Delta^{1:11}$-dodecahydrophenanthrene-7-carboxylate, 393.
$C_{18}H_{24}O_7$ Ethyl 4-carbethoxy-3-methyl-Δ^3-*cyclo*hexen-1-one-2:6-diacetate, 584.

18 III

$C_{18}H_{12}ON_2$ 4-Keto-1-(1′-naphthyl)-3:4-dihydrophthalazine, 351.
$C_{18}H_{13}O_3Cl$ 8-Chloro-4-hydroxy-3′-keto-7-methoxy-1:2-*cyclo*pentenophenanthrene, 396.
Furfurylidene-5-chloro-6-methoxy-2-acetonaphthone, 395.
$C_{18}H_{14}ON_2$ 2-Methoxy-1-naphthylcyanomethylpyridinium enimine-betaine, 505.
$C_{18}H_{14}O_2N_2$ *pp*′-Dimethoxydiphenylmaleonitrile, 506.
$C_{18}H_{14}N_2S_2$ *SS*′-Dimethyldithio-*β*-*iso*indigo, 628.
$C_{18}H_{15}O_3Cl$ 8-Chloro-4-hydroxy-3′-keto-7-methoxy-9:10-dihydro-1:2-*cyclo*pentenophenanthrene, 397.
$C_{18}H_{15}O_4Cl$ 3-(5′-Chloro-6′-methoxy-2′-naphthyl)-Δ^3-*cyclo*penten-1-one-2-acetic acid, 395.
$C_{18}H_{15}N_2Cl$ 6-Chloro-2:4-diphenyl-5-ethylpyrimidine, 329.
$C_{18}H_{16}ON_2$ 6-Hydroxy-2:4-diphenyl-5-ethylpyrimidine, 329.
o-1-Naphthylmethylbenzhydrazide, 351.
$C_{18}H_{16}O_4N_4$ 3-Phenyl-2-methyl-Δ^3-*cyclo*penten-1-one 2:4-dinitrophenylhydrazone, 570.

$C_{18}H_{17}O_3N$ 4-Cyano-4′-methoxy-α-ethyldeoxybenzoin, 746.
$C_{18}H_{17}O_3Cl$ 4:7-Diketo-7-(5′-chloro-6′-methoxy-2′-naphthyl)heptoic acid, 395.
$C_{18}H_{18}ON_2$ 3-*p*-Dimethylaminobenzylidene-*N*-methyloxindole, 622.
$C_{18}H_{18}O_3N_2$ 5-Nitro-2-piperidinobenzophenone, 749.
$C_{18}H_{18}O_4N_4$ 3-Phenyl-2-methyl*cyclo*pentan-1-one 2:4-dinitrophenylhydrazone, 570.
$C_{18}H_{19}O_3H$ Tetrahydrofurfuryl *p*-xenylurethane, 315.
$C_{18}H_{20}O_2S$ 3-Keto-7-methoxyoctahydrothiopyrano(4′:3′:1:2)phenanthrene-a, 407.
$C_{18}H_{20}O_3S$ 3-Keto-7-methoxyoctahydrothiopyrano(4′:3′:1:2)phenanthrene dioxide, 408.
$C_{18}H_{21}OCl$ 6-Chlorothymyl *p*-methylbenzyl ether, 364.
$C_{18}H_{21}OBr$ 3-Bromo-*p-tert.*-amylphenyl benzyl ether, 363.
3-Bromo-*p-tert.*-butylphenyl *p*-methylbenzyl ether, 363.
5-Bromo-*o*-tolyl *p-tert.*-butylbenzyl ether, 274.
$C_{18}H_{22}O_2S$ 3-Keto-7-methoxydecahydrothiopyrano(4′:3′:1:2)phenanthrene, 408.
$C_{18}H_{24}O_2S$ 3-Hydroxy-7-methoxydecahydrothiopyrano(4′:3′:1:2)phenanthrene, 408.
$C_{18}H_{25}ON$ 3-Amino-7-methoxyoctahydro-1:2-*cyclo*pentenophenanthrene, and its hydrochloride, 379.
$C_{18}H_{36}O_2N_2$ Palmitoylglycineamide, 564.

18 IV

$C_{18}H_{14}ON_2S$ *S*-Ethylthio-β-*iso*indigo, 629.
$C_{18}H_{14}N_2Br_2S_2$ *SS′*-Dimethyldithio-β-*iso*indigo dibromide, 636.
$C_{18}H_{15}ON_2Cl$ 2-Methoxy-1-naphthylcyanomethylpyridinium chloride, 505.
$C_{18}H_{15}O_2NBr_2$ 5′-Bromo-6′-methoxy-2′-naphthacylpyridinium bromide, 570.
$C_{18}H_{20}OClBr$ 3-Bromo-*p-tert.*-amylphenyl *p*-chlorobenzyl ether, 363.
$C_{18}H_{20}O_3NBr$ 3-Bromo-*p-tert.*-amylphenyl nitrobenzyl ethers, 363.
$C_{18}H_{20}O_4N_2S$ Nitropiperidino-4′-methyldiphenylsulphones, 726.
$C_{18}H_{22}Cl_2S_2Pt$ Dihydrothionaphthenmethylsulphonium chloroplatinate, 657.
$C_{18}H_{22}O_2N_2S$ 3-Keto-7-methoxydecahydrothiopyrano(4′:3′:1:2)phenanthrene semicarbazone, 408.

18 V

$C_{18}H_{22}O_4N_2SAu_2$ 2:2′-Dipyridyltetraethylsulphatodigold, 107.

C_{19} Group.

$C_{19}H_{22}$ 2-Methyloctahydrotriphenylene, 17.

19 II

$C_{19}H_{12}O_2$ 4:5-Methylenedioxychrysene, 501.
$C_{19}H_{14}O$ Methoxytriphenylenes, 15.
3-Phenylbenzophenone, 481.
$C_{19}H_{16}O$ Phenylbenzhydrol, 480.
1-Phenylmethylacetylnaphthalene, 537.
$C_{19}H_{16}O_4$ 6-Methoxy-2-piperonylidene-a-tetralone, 573.
$C_{19}H_{18}O_2$ 4:7-Dimethoxy-1:2-*cyclo*pentenophenanthrene, 574.
$C_{19}H_{18}O_3$ *x*-Norequilenin acetate, 572.
$C_{19}H_{16}O_4$ 3-β-Naphthyl*cyclo*pentan-1-one-2-acetic acid acetate, 569.
$C_{19}H_{20}O_2$ 4-Hydroxy-4′-acetyl-α-methyl-β-ethylstilbene, 747.
$C_{19}H_{20}O_2$ 6:7-Dimethoxy-2-amyl-3:4-dihydronaphthalene, 580.
$C_{19}H_{20}O_4$ 4:6-Dimethoxy-3′-(carbethoxymethylene)-1:2-*cyclo*pentenonaphthalene, 402.
1-Keto-6:7-dimethoxy-2-anisyl-1:2:3:4-tetrahydronaphthalene, 580.
1-Keto-6:3′:4′-trimethoxy-2-phenyl-1:2:3:4-tetrahydronaphthalene, 582.
Methyl 3-(6′-methoxy-2′-naphthyl)*cyclo*pentan-1-one-2-acetate, 575.
$C_{19}H_{20}O_6$ β-Veratroyl-α-anisylpropionic acid, 579.
$C_{19}H_{22}O$ Methoxyoctahydrotriphenylenes, 17.
$C_{19}H_{22}O_4$ 5-Acetoxy-7-*n*-amyl-3:4-*cyclo*pentenocoumarin, 172.
6:7-Dimethoxy-2-anisyl-α-tetralol, 580.
$C_{19}H_{22}O_5$ α-Anisyl-β-veratrylpropionic acid, 579.
γ-*m*-Methoxyphenyl-α-3:4-dimethoxyphenylbutyric acid, 581.
$C_{19}H_{24}O_2$ Octahydro-1:2-*cyclo*pentenophenanthrene-3′-acetic acid, 383.
$C_{19}H_{24}O_3$ 6-Hydroxy-5′-methyl-7-*n*-amyl-3:4-*cyclo*hexenocoumarin, 171.
5-Hydroxy-5′-methyl-7-*iso*amyl-3:4-*cyclo*hexenocoumarin, 828.
$C_{19}H_{26}O_3$ 5-Hydroxy-2:2-dimethyl-7-*n*-amyl-3:4-*cyclo*penteno-Δ^3-chromen, 172.
$C_{19}H_{26}O_4$ 4:6-Dimethoxy-3′-(carbethoxymethyl)tetrahydro-1:2-*cyclo*pentenonaphthalene, 403.
$C_{19}H_{26}O_6$ Ethyl 6:7-dimethoxy-3-methyltetrahydronaphthalene-1:2-dicarboxylate, 719.
$C_{19}H_{30}O$ 2:6-Dimethyl-1-β-*p*-cuminylethyl*cyclo*hexanol, 69.

19 III

$C_{19}H_{13}O_3Cl$ *apo*Chloroketodimethoxy*cyclo*pentenophenanthrene, 396.
8-Chloro-3′-keto-4:7-dimethoxy-1:2-*cyclo*pentenophenanthrene, 396.
$C_{19}H_{13}N_4Br$ Phenyl-*p*-bromophenylformazylbenzenes, isomeric, 823.
$C_{19}H_{17}N_2Cl$ 6-Chloro-2:4-diphenyl-5-*n*-propylpyrimidine, 330.
$C_{19}H_{18}ON_2$ 6-Hydroxy-2:4-diphenyl-5-*n*-propylpyrimidine, 330.
$C_{19}H_{18}O_2N_2$ 2-Phenyl-3-methyl-2:3:4:5-tetrahydro-β-carboline-4-carboxylic acid, 159.
$C_{19}H_{19}O_3N_3$ Ethyl *N*-methyloxindole-3-oxalate phenylhydrazone, 622.

$C_{19}H_{19}O_4N$ γ-Keto-α-cyano-α-anisyl-γ-3:4-dimethoxyphenylpropane, 579.
β-*m*-Methoxybenzoyl-α-3:4-dimethoxyphenylpropionitrile, 581.
$C_{19}H_{19}O_5Br$ Ethyl 5-bromo-6-methoxy-2-naphthacyl acetoacetate, 570.
$C_{19}H_{20}ON_2$ 5-Ethinylruban-5-ol, 476.
$C_{19}H_{21}O_5N$ β-*m*-Methoxybenzoyl-α-3:4-dimethoxyphenylpropionamide, 581.
β-Veratroyl-α-anisylpropionamide, 579.
$C_{19}H_{22}O_5N_4$ Anhydrogalactose phenylmethylphenylosazone, 753.
Glucose phenylphenylmethylosazone anhydride, 754.
$C_{19}H_{22}O_4N_4$ 3-Keto-octahydro-1:2-*cyclo*pentenonaphthalene dinitrophenylhydrazone, 380.
$C_{19}H_{23}OBr$ 3-Bromo-*p*-*tert.*-amylphenyl *p*-methylbenzyl ether, 363.
$C_{19}H_{23}O_2N_3$ 2-Keto-4-furyl-10-methyldecalin semicarbazone, 469.
$C_{19}H_{24}O_2N_2$ Niquine, and its salts, 79.
$C_{19}H_{24}O_2S$ 3-Keto-7-methoxy-2-methyloctahydrothiopyrano(4′:3′:1:2)phenanthrene, 408.
$C_{19}H_{24}O_4N_4$ Galactose phenylmethylphenylosazone, 753.
$C_{19}H_{25}O_2N_3$ Nitrosodihydroniquine, 81.
$C_{19}H_{26}O_2N_2$ Dihydroniquidine, and its hydrochloride, 82.
Dihydroniquine, and its salts, 81.

19 IV

$C_{19}H_{13}O_5N_4Cl$ 5-Chloro-6-methoxy-2-acetonaphthone 2:4-dinitrophenylhydrazone, 395.

C_{20} Group.

$C_{20}H_{18}$ α-Phenyl-β-1-naphthyl-αβ-dimethylethylene, 537.

20 II

$C_{20}H_{14}O_2$ 2-Acetoxytriphenylene, 18.
$C_{20}H_{14}N_2$ 2:5-Diphenyldihydroterephthalonitrile, 506.
$C_{20}H_{16}O$ 9:10-Dimethyl-9:10-dihydro-1:2-benzanthracene 9:10-oxide, 20.
$C_{20}H_{16}O_3$ β-(β-Naphthoyl)-α-phenylpropionic acid, 111.
$C_{20}H_{18}O$ 4-Methoxy-3′-ethyl-$\Delta^{3'}$-1:2-*cyclo*pentenophenanthrene, 383.
$C_{20}H_{18}O_3$ 4-Methoxy-1:2-*cyclo*pentenophenanthrene-3′-acetic acid, 383.
$C_{20}H_{20}O$ γ-Phenyl-β-1-naphthylbutan-β-ol, 537.
$C_{20}H_{20}O_6$ β-Hydroxy-βγ-dianisyladipolactone, 578.
$C_{20}H_{22}O_2$ 4-Hydroxy-4′-acetyl-αβ-diethylstilbene, 747.
4-Methoxy-4′-acetyl-α-methyl-β-ethylstilbene, 747.
$C_{20}H_{22}O_3$ 4-Methoxy-4′-carboxy-αβ-diethylstilbene, 746.
$C_{20}H_{22}O_4$ 4:6-Dimethoxy-3′-(α-carbethoxyethyl)-1:2-*cyclo*pentadienonaphthalene, 402.
$C_{20}H_{22}O_5$ Ethyl 4:4′-dimethoxydesylacetate, 577.
$C_{20}H_{22}O_6$ Pedicellin, 662.
$C_{20}H_{22}O_7$ 2:3:4:5:6-Pentamethoxydibenzoylmethane, 669.
$C_{20}H_{24}O_4$ 5-Acetoxy-7-*n*-amyl-3:4-*cyclo*hexenocoumarin, 171.
3-Anisyl-4-*p*-carboxyphenylhexan-3-ol, 746.
$C_{20}H_{24}O_5$ Methyl α-anisyl-β-veratrylpropionate, 579.
Methyl γ-*m*-methoxyphenyl-α-3:4-dimethoxyphenylbutyrate, 581.
$C_{20}H_{26}O_3$ 5-Hydroxy-5′-methyl-7-*iso*hexyl-3:4-*cyclo*hexenocoumarin, 829.
$C_{20}H_{26}O_3$ 6″-Hydroxy-2:2-dimethyl-4″-*n*-amyl-3′:4′:5′:6′-tetrahydrodibenzopyran, 171.
5-Hydroxy-14-methoxy-3-methyldodecahydrochrysene, 469.
$C_{20}H_{28}O_6$ Ethyl 6-methoxy-7-ethoxy-3-methyltetrahydronaphthalene-1:2-dicarboxylate, 720.

20 III

$C_{20}H_{13}O_6N$ 2-Nitro-4:5-methylenedioxy-α-1′-naphthylcinnamic acid, 501.
$C_{20}H_{15}ON$ β-(β-Naphthoyl)-α-phenylpropionitrile, 111.
$C_{20}H_{15}O_3N$ *N*-Phenyldiphenamic acid, 283.
$C_{20}H_{15}O_4N$ 2-Amino-4:5-methylenedioxy-α-1′-naphthylcinnamic acid, 501.
$C_{20}H_{15}O_4Cl$ 8-Chloro-3′-keto-4-acetoxy-7-methoxy-1:2-*cyclo*pentenophenanthrene, 395.
$C_{20}H_{16}O_2Br_2$ β-Naphthyl αβ-dibromo-β-*p*-anisylethyl ketone, 111.
$C_{20}H_{17}O_4N$ 6:7-Methylenedioxy-3-methyltetrahydronaphthalene-1:2-dicarboxylic phenylimide, 718.
$C_{20}H_{18}N_2S_2$ *SS′*-Diethyldithio-β-*iso*indigo, 629.
$C_{20}H_{19}O_2N$ ω-1-Naphthyl-*o*-tolylurethane, 352.
$C_{20}H_{19}O_3N$ 3′-Keto-7-methoxy-4-ethoxy-1:2-*cyclo*pentenophenanthrene oxime, 575.
$C_{20}H_{20}O_8N_4$ 4:7-Diketo-7-*p*-methoxyphenylheptoic acid 2:4-dinitrophenylhydrazone, 399.
$C_{20}H_{21}O_5Cl$ Ethyl β-5-chloro-6-methoxy-2-naphthacylpropionylacetate, 572.
$C_{20}H_{21}O_5Br$ Ethyl β-5-bromo-6-methoxy-2-naphthacylpropionylacetate, 571.
$C_{20}H_{23}O_2N$ 3-Anisyl-4-*p*-cyanophenylhexan-3-ol, 746.
$C_{20}H_{24}O_4N_4$ 6-Keto-5-methyl-7:8-dihydro*cyclo*pentanonaphthalene 2:4-dinitrophenylhydrazone, 588.
$C_{20}H_{28}O_2N_2$ *N*-Methyldihydroniquine, 81.
$C_{20}H_{35}O_4N_3$ Palmitolyglycylglycine, 565.
$C_{20}H_{39}O_3N_3$ Palmitoylglycylglycinamide, 565.
$C_{20}H_{40}O_2N_2$ Stearoylglycinamide, 565.

20 IV

$C_{20}H_{15}O_2NS$ 7-Nitro-9-phenyl-2-methylthioxanthen, 750.
$C_{20}H_{15}O_3NS$ 7-Nitro-9-phenyl-2-methylthioxanthhydrol, 750.
5-Nitro-2-(*p*-tolylthio)benzophenone, 749.
$C_{20}H_{16}O_4NCl$ 8-Chloro-3′-keto-4-acetoxy-7-methoxy-1:2-*cyclo*pentenophenanthrene oxime, 396.
$C_{20}H_{17}O_2ClS_2$ 3-Chloro-2-*p*-tolylthio-4′-methyldiphenylsulphone, 726.
$C_{20}H_{17}O_4ClS_2$ 2:3-Di-*p*-toluenesulphonylchlorobenzene, 726.
$C_{20}H_{20}N_2BrI$ 6-Bromo-2-*m*-dimethylaminostyrylquinoline methiodide, 144.
$C_{20}N_{24}O_4N_2S$ Bis-γ-hydroxypropyl sulphide, 406.

C_{21} Group.

$C_{21}H_{14}$ Dibenzfluorenes, 682.
$C_{21}H_{20}$ α-Phenyl-β-1-naphthylmethylethylethylenes, 537.

21 II

$C_{21}H_{12}O$ 1:2:8:9-Dibenzanthrone, 683.
Dibenzfluorenones, 674, 682.
1:2:5:6-Dibenzfluorenone, 538.
$C_{21}H_{14}O_2$ 1:1′-Dinaphthyl-2-carboxylic acid, 683.
1:2′-Dinaphthylcarboxylic acids, 677.
2:2′-Dinaphthylcarboxylic acids, 682.
$C_{21}H_{14}N_2$ 2-Phenyl-4:5:9′:10′-phenanthriminazole, 282.
$C_{21}H_{16}N_4$ Aminokyaphenines, 281.
$C_{21}H_{17}N_3$ Aminophenyldiphenylglyoxalines, 282.
$C_{21}H_{16}O$ β-(β-Naphthoyl)-α-*p*-anisylpropionic acid, 112.
$C_{21}H_{20}O_3$ α-*p*-Anisyl-γ-β-naphthylbutyric acid, 112.
$C_{21}H_{20}N_2$ *NN*-Diphenyl-*N′*-*o*-tolylacetamidine, 785.
$C_{21}H_{22}O_3$ 4-Acetoxy-4′-acetyl-α-methyl-β-ethylstilbene, 747.
$C_{21}H_{23}O_4$ 2-Keto-5:14:15-trimethoxyhexahydrochrysene, 580.
$C_{21}H_{22}O_5$ 6:7-Dimethoxy-2-anisyl-3:4-dihydro-1-naphthylacetic acid, 580.
$C_{21}H_{24}O_4$ 3-6′-Methoxy-2′-naphthyl-2:5:5-trimethyl*cyclo*pentan-1-one-2-acetic acid, 575.
$C_{21}H_{24}O_5$ 6:7-Dimethoxy-2-anisyl-1:2:3:4-tetrahydro-1-naphthylacetic acid, 580.
$C_{21}H_{26}O_2$ Cannabinol, synthesis of, 137.
$C_{21}H_{26}O_4$ 6-Acetoxy-5′-methyl-7-*n*-amyl-3:4-*cyclo*hexenocoumarin, 171.
$C_{21}H_{30}O_2$ 6″-Hydroxy-5′:4″-dimethyl-2:2-di-*n*-propyl-3′:4′:5′:6′-tetrahydrodibenzopyran, 829.
5″-Hydroxy-2:2:5′-trimethyl-4″-*n*-amyl-3′:4′:5′:6′-tetrahydrodibenzopyran, 171.
6″-Hydroxy-2:2:5′-trimethyl-4″-*iso*amyl-3′:4′:5′:6′-tetrahydrodibenzopyran, 829.

21 III

$C_{21}H_{13}ON$ 3:4:5-Dibenzfluorenone oxime, 683.
$C_{21}H_{13}O_2N_3$ 2-*o*-Nitrophenyl-4:5:9′:10′-phenanthriminazole, 282.
$C_{21}H_{13}O_4N_5$ Dinitrokyaphenines, 281.
$C_{21}H_{13}O_6N$ 6′-Hydroxy-4-methyl-7:8-benzocoumarin *p*-nitrobenzoate, 390.
$C_{21}H_{12}N_3Cl_3$ Tri-*p*-chlorolophine, 281.
$C_{21}H_{14}O_8N_4$ Nitrokyaphenines, 280.
$C_{21}H_{14}O_4N_4$ 2-*m*-Nitrophenyl-4-*p*-nitrophenyl-5-phenylglyoxaline, 282.
$C_{21}H_{15}O_2N_3$ Nitrophenyldiphenylglyoxalines, 282.
$C_{21}H_{15}O_3N_3$ 2-*o*-Hydroxyphenyl-4-*p*-nitrophenyl-5-phenylglyoxaline, 282.
$C_{21}H_{16}ON_2$ 2-*o*-Hydroxyphenyl-4:5-diphenylglyoxaline, 281.
$C_{21}H_{17}O_3N$ β-(β-Naphthoyl)-α-*p*-anisylpropionitrile, 111.
$C_{21}H_{17}O_2N$ *N*-Phenyl-*N*-methyldiphenamic acid, 283.
$C_{21}H_{15}ON$ 1:2:5:6-Dibenzfluorene oxime, 684.
$C_{21}H_{22}O_4N_2$ Anhydrocotarnine-*N*-methyloxindole, 623.
$C_{21}H_{23}O_2N_3$ 2:8-Dibutyramidoacridine, 124.
$C_{21}H_{23}O_5N$ 6:7-Dimethoxy-3-methyltetrahydronaphthalene-1:2-dicarboxylic phenylimide, 719.
$C_{21}H_{23}N_2I$ 2-*m*-Dimethylaminostyryl-6-methylquinoline methiodide, 144.
$C_{21}H_{21}O_3N$ *ON*-Diacetyl-4-hydroxypentamethyldiphenylmethane, 499.
$C_{21}H_{26}O_3N_2$ Yohimbine, constitution of, 153.
$C_{21}H_{42}O_4N_2$ Palmitoylglycylglycine methyl ester, 565.

21 IV

$C_{21}H_{10}O_4N_5Cl_3$ Dinitrotri-*p*-chlorokyaphenine, 281.
$C_{21}H_{14}ON_2Cl$ 4-Keto-1-cyano-2-*p*-chlorophenyl-3:3-diphenyldimethylene-1:2-di-imine, 187.
$C_{21}H_{15}O_2N_2Cl$ α-β′-Cyano-α′-*p*-chlorophenylhydrazinodiphenylacetic acid, 187.
$C_{21}H_{20}O_5N_2S_2$ 6-*p*-Acetamidobenzenesulphonamido-2-pyridyl *p*-acetamidobenzenesulphonate, 292.
$C_{21}H_{21}ON_2I$ 6-Methoxy-2-*m*-dimethylaminostyrylquinoline methiodide, 145.

C_{22} Group.

$C_{22}H_{16}$ α-1-Naphthyl-β-2-naphthylethylene, 536.
$C_{22}H_{22}$ α-Phenyl-β-2-naphthyl-αβ-diethylethylene, 537.
$C_{22}H_{24}$ 2:2:11:11-Tetramethylhexahydrochrysene-a, 578.

22 II

$C_{22}H_{14}O_2$ 2:2′-Dinaphthyl-3:3′-dicarboxylic acid, 682.
$C_{22}H_{16}O_2$ 2:2′-Dihydroxy-1:1′-dinaphthylethylene, 504.
$C_{22}H_{19}N_3$ 2:4:6-Triphenyl-2-methyl-1:2-dihydro-1:3:5-triazine, and its salts, 328.
$C_{22}H_{20}O_2$ 5:14-Dimethoxy-2:11-dimethylchrysene, and its picrate, 578.
$C_{22}H_{20}O_2$ Ethyl 4-methoxy-1:2-*cyclo*pentenophenanthrylidene-3′-acetate, 383.
$C_{22}H_{22}O_7$ 4-Keto-6:7-dimethoxy-1-veratryl-2-methylene-1:2:3:4-tetrahydronaphthalene-2-carboxylic acid, 291.
$C_{22}H_{24}O_3$ 6:7-Dimethoxy-2-anisyl-1-allyl-3:4-dihydronaphthalene, 580.
$C_{22}H_{24}O_4$ 6:7-Dimethoxy-2-anisyl-1-acetonylidene-1:2:3:4-tetrahydronaphthalene, 581.
$C_{22}H_{26}O_4$ 6:7-Dimethoxy-2-anisyl-1-acetonyl-1:2:3:4-tetrahydronaphthalene, 581.
$C_{22}H_{30}O_2$ 4:5-Diphenyl-2:7-dimethyloctane-2:7-diol-a, 578.
$C_{22}H_{26}O_3$ Ethyl 7-methoxyoctahydro-1:2-*cyclo*pentenophenanthrene-3′-acetate, 385.
$C_{22}H_{22}O_3$ 6″-Hydroxy-2:2:5′-trimethyl-4″-*iso*hexyl-3′:4′:5′:6′-tetrahydrodibenzopyran, 829.

22 III

$C_{22}H_{14}O_2N_2$ 6:7:6′:7′-Dibenz-β-*iso*indigo, 639.
$C_{22}H_{15}ON_3$ Phenylimino-β-*iso*indigo, 635.
$C_{22}H_{15}N_3S$ Thio-β-*iso*indigophenylimine, 635.
$C_{22}H_{16}ON_4$ β-*iso*Indigophenylhydrazone, 639.
$C_{22}H_{16}O_7N_2$ 4:4′-Dinitro-2-2″:4″-dimethylbenzoyldiphenyl-2′-carboxylic acid, 284.
$C_{22}H_{16}N_4S$ Thio-β-*iso*indigophenylhydrazone, 635.
$C_{22}H_{17}O_2N_5$ 4-Cyano-4′-methoxydeoxybenzoin 2:4-dinitrophenylhydrazone, 746.
$C_{22}H_{15}ON_3$ 2-*p*-Methoxyphenyl-4:5-diphenylglyoxaline, 281.
$C_{22}H_{20}O_2N_2$ Benzoin mandelohydrazones, 647.
$C_{22}H_{23}O_2N$ 3′-Acetamido-7-methoxy-4-ethoxy-1:2-*cyclo*pentenophenanthrene, 575.
$C_{22}H_{25}O_4N_3$ 2-Keto-5:14:15-trimethoxyhexahydrochrysene semicarbazone, 581.
$C_{22}H_{25}O_7N$ Ethyl *N*-benzoyl 4:6-benzylidene glucosamate, 49.
$C_{22}H_{26}O_5N_4$ Acetone anhydroglucose phenylphenylmethylosazone, 754.
$C_{22}H_{28}O_6N_2$ Eremophilol 3:5-dinitrobenzoate, 67.
$C_{22}H_{28}O_2N_2$ *iso*Propylideneniquine, 80.
$C_{22}H_{41}O_4N_3$ Palmitoyldiglycylglycine, 565.
$C_{22}H_{43}O_4N_3$ Stearoylglycylglycine, 565.
$C_{22}H_{43}O_3N_3$ Stearoylglycylglycinamide, 565.
$C_{22}H_{44}O_6Au_4$ Tetraethylmalonatedigold, 108.

22 IV

$C_{22}H_{19}O_6N_4Br$ 5-Bromo-6-methoxy-2-naphthacylacetone 2:4-dinitrophenylhydrazone, 571.

C_{23} Group.

$C_{23}H_{16}O_2$ αβ-Dinaphthylacrylic acids, 536.
$C_{23}H_{19}N_3$ 2:4:6-Triphenyl-5-methylpyrimidine, 329.
$C_{23}H_{18}N_4$ Phenylnaphthylformazylbenzenes, isomeric, 822.
$C_{23}H_{20}O_4$ 1:1′-Methylenebis-2-hydroxy-6-methoxynaphthalene, 389.
$C_{23}H_{21}N_3$ 2:4:6-Triphenyl-1:2-dimethyl-1:2-dihydro-1:3:5-triazine, 328.
2:4:6-Triphenyl-2-ethyl-1:2-dihydro-1:3:5-triazine, 328.
$C_{23}H_{22}O_4$ Ethyl 4:7-dimethyl-1:2-*cyclo*pentenophenanthrylidene-3′-acetate, 383.
$C_{23}H_{24}O_4$ Ethyl 4:7-dimethoxy-1:2-*cyclo*pentenophenanthrene-3′-acetate, 384.
$C_{23}H_{24}O_6$ γ-(1-Hydroxy-6:7-dimethoxy-2-anisyl-1:2:3:4-tetrahydro-1-naphthyl)acetoacetic acid lactone, 581.
$C_{23}H_{24}O_6$ 4-Keto-6:7-dimethoxy-1-veratryl-3:3-bishydroxymethyl-1:2:3:4-tetrahydronaphthalene-2-carboxylactone, 290.
$C_{23}H_{28}O_3$ 5″-Acetoxy-2:2:5′-trimethyl-4″-*n*-amyl-3′:4′:5′:6′-tetrahydrodibenzopyran, 171.
$C_{23}H_{24}O_2$ 6″-Hydroxy-5′:4″-dimethyl-2:2-di-*n*-butyl-3′:4′:5′:6′-tetrahydrodibenzopyran, 829.

23 III

$C_{23}H_{18}ON_4$ *p*-Acetamidokyaphenine, 281.
$C_{23}H_{18}O_2Te$ Ethyl *n*-amyltelluroacetate dibenzoate, 71.
$C_{23}H_{18}O_7N_2$ 4:4′-Dinitro-2-2″:4″:6′-trimethylbenzoyldiphenyl-2′-carboxylic acid, 284.
$C_{23}H_{20}O_4N_4$ 3′-Keto-1:2:3:4-tetrahydro-1:2-*cyclo*pentenophenanthrene 2:4-dinitrophenylhydrazone, 573.
$C_{23}H_{26}O_9N_4$ Anhydrogalactose phenylmethylphenylosazone diacetate, 753.
Anhydroglucosephenylphenylmethylosazone diacetate, 754.
$C_{23}H_{44}O_4N_2$ Stearoylglycylglycine methyl ester, 565.

23 IV

$C_{23}H_{19}O_7N_4Br$ 3-(5′-Bromo-6′-methoxy-2′-naphthyl)-2-methyl-Δ^1-*cyclo*penten-1-one 2:4-dinitrophenylhydrazone, 571.
$C_{23}H_{27}ON_2I$ 6-Methoxy-2-*m*-diethylaminostyrylquinoline methiodide, 145.

C_{24} Group.

$C_{24}H_{16}O$ 9:10-Dimethyl-9:10-dihydro-1:2:5:6-dibenzanthracene 9:10-oxide, and its picrate, 20.
$C_{24}H_{16}O_4$ Methyl dinaphthyldicarboxylates, 682.
$C_{24}H_{20}O_2$ 2:2′-Dimethoxy-1:1′-dinaphthylethylene, 504.
$C_{24}H_{20}N_2$ 2:4:6-Triphenyl-5-ethylpyrimidine, 329.
$C_{24}H_{21}N_3$ Trimethylkyaphenines, 280.
$C_{24}H_{22}N_4$ *m*-Amino-tri-*p*-methylkyaphenine, 281.
$C_{24}H_{23}N_3$ 2:4:6-Triphenyl-2-*n*-propyl-1:2-dihydro-1:3:5-triazines, 329.
$C_{24}H_{26}O_2$ 6-Keto-14-methoxy-4-furyl-3-methyldecahydrochrysene, 470.
$C_{24}H_{30}O_2$ 5:14-Dimethoxy-2:2:11:11-tetramethylhexahydrochrysene-a, 578.
$C_{24}H_{30}O_5$ Piperonylbutylcarbinyl ether, 720.
$C_{24}H_{34}O_4$ 4:5-Dianisyl-2:7-dimethyloctane-2:7-diol-b, 579.

24 III

$C_{24}H_{13}O_6N_3$ Quino-4:4′-dinitrodiphenone, 284.
$C_{24}H_{14}N_2S_2$ 6:7:6′:7′-Dibenzdithio-*β-iso*indigo, 639.
$C_{24}H_{15}O_2N$ Quinodiphenone, 283.
$C_{24}H_{15}O_6N_3$ Tri-*m*-nitrotri-*p*-methylkyaphenine, 281.
$C_{24}H_{20}O_2N_4$ *m*-Nitrotri-*p*-methylkyaphenine, 281.
$C_{24}H_{20}O_4N_2$ Di-*m*-nitrotri-*m*-amino-*p*-methylkyaphenine, 281.
$C_{24}H_{21}O_5N$ 6″-Hydroxy-2:2:5′:4″-tetramethyldibenzopyran *p*-nitrobenzoate, 140.
$C_{24}H_{23}O_4N_5$ *β-iso*Indigotetra-acetyldihydrazone, 635.
$C_{24}H_{27}O_3N_3$ 4-Keto-6:7-dimethoxy-1-veratryl-3:3-bishydroxymethyl-1:2:3:4-tetrahydronaphthalene-2-carboxylactone semicarbazone, 290.
$C_{24}H_{30}N_2I$ 6-Dimethylamino-2-*m*-diethylaminostyrylquinoline methiodide, 145.
$C_{24}H_{45}O_5N_3$ Stearoyldiglycylglycine, 565.

24 IV

$C_{24}H_{24}O_2N_2Co$ Cobaltic benzeneazoacetaldoxime, 824.

C_{25} Group.

$C_{25}H_{20}$ 2-Phenyltriphenylmethane, 483.
$C_{25}H_{18}O_2$ 3′-Keto-7-methoxy-4′-benzylidene-1:2-*cyclo*pentenophenanthrene, 574.

25 II

$C_{25}H_{19}N$ 2-Phenylbenzophenoneanil, 480.
$C_{25}H_{20}O_3$ 3′-Keto-4′-piperonylidene-1:2:3:4-tetrahydro-1:2-*cyclo*pentenophenanthrene, 573.
$C_{25}H_{22}N_2$ 2:4:6-Triphenyl-5-*n*-propylpyrimidine, 330.
$C_{25}H_{23}N_3$ 2:4:6-Triphenyl-2-*n*-butyl-1:2-dihydro-1:3:5-triazine, and its salts, 329.
$C_{25}H_{28}O_7$ Acetyl-4-keto-6:7-dimethoxy-1-veratryl-3:3-bishydroxymethyl-1:2:3:4-tetrahydronaphthalene-2-carboxylactone, 290.
$C_{25}H_{28}O_7$ Ethyl 7-benzoyloxy-6-methyltetrahydronaphthalene-1:2-dicarboxylate, 719.

25 III

$C_{25}H_{23}O_5N_3$ 1-Keto-6:7-dimethoxy-2-anisyl-1:2:3:4-tetrahydronaphthalene *p*-nitrophenylhydrazone, 580.

25 IV

$C_{25}H_{16}ON_2S$ *S*-Methyl-6:7:6′:7′-dibenzthio-*β-iso*indigo, 639.
$C_{25}H_{27}O_4NS_2$ 2:6-Di-*p*-toluenesulphonylpiperidinobenzene, 726.

C_{26} Group.

$C_{26}H_{22}O_3$ 3′-Keto-4′-piperonylidene-2-methyl-1:2:3:4-tetrahydro-1:2-*cyclo*pentenophenanthrene, 573.
$C_{26}H_{22}O_4$ 3′-Keto-7-methoxy-4′-piperonylidene-1:2:3:4-tetrahydro-1:2-*cyclo*pentenophenanthrene, 573.

26 III

$C_{26}H_{16}O_2N_2$ 2:2′-Dimethoxy-1:1′-dinaphthylmaleonitrile, 505.
$C_{26}H_{18}N_2S_2$ *SS*′-Dimethyl-6:7:6′:7′-dibenzdithio-*β-iso*indigo, 639.
$C_{26}H_{20}ON_2$ 4-Keto-1:2:3:3-tetraphenyldimethylene-1:2-di-imine, 186.
$C_{26}H_{20}O_2N_2$ Di-2-methoxy-1-naphthylcyanomethyl ether, 505.
$C_{26}H_{21}ON_3$ *p*-Diphenylacetamidoazobenzene, 187.
$C_{26}H_{22}ON_4$ 2:8:2′:8′-Tetra-amino-5:10-dihydrodiacridyl 5:5′-ether, 124.
$C_{26}H_{20}ON_8$ Bis-2:4:2′:4′-tetra-aminobenzhydryl ether, 487.

26 IV

$C_{26}H_{32}O_6N_4S$ Ditosylanhydrogalactose phenylmethylphenylosazone, 753.

C_{27} Group.

$C_{27}H_{20}N_2$ 3:4:4:5-Tetraphenylpyrazole, 330.
$C_{27}H_{22}N_2$ Tetraphenylpyrazolines, 330.
$C_{27}H_{24}O_4$ 3′-Keto-7-methoxy-4′-piperonylidene-2-methyl-1:2:3:4-tetrahydro-1:2-*cyclo*pentenophenanthrene, 573.
16-Piperonylidene-equilenin methyl ether, 573.

27 III

$C_{27}H_{24}O_4S_2$ 2:6-Di-*p*-toluenesulphonyl-4′-methyldiphenyl sulphide, 726.
$C_{27}H_{32}O_9N_4$ Galactose phenylmethylphenylosazone tetra-acetate, 753.
Glucose phenylphenylmethylosazone acetate, 754.
$C_{27}H_{47}O_2N$ Eicosyl phenylurethane, 347.

C_{28} Group.

$C_{28}H_{46}$ Norhederabetulene-III, 559.

28 II

$C_{28}H_{20}N_4$ *β-iso*Indigodiphenylimine, 635.

28 III

$C_{28}H_{24}ON_2$ 4-Keto-3:3-diphenyl-1:2-ditolyldimethylene-1:2-di-imines, 186.
$C_{28}H_{28}O_7N_4$ 6:7-Dimethoxy-2-anisyl-1-acetonylidene-1:2:3:4-tetrahydronaphthalene 2:4-dinitrophenylhydrazone, 581.

28 IV

$C_{28}H_{16}N_8SCu$ Copper phthalocyanine, 622.

C_{29} Group.

$C_{29}H_{48}O$ α- and β-Norechinocystenols, 559.
Norlupanone, 759.
$C_{29}H_{50}O$ Norlupanol, 760.

29 IV

$C_{29}H_{25}O_2N_3S$ *p*-Toluenesulphonyl-2:4:6-triphenyl-2-methyl-1:2-dihydro-1:3:5-triazine, 328.

C_{30} Group.

$C_{30}H_{22}N_6$ *β-iso*Indigodibenzylidenedihydrazone, 635.
$C_{30}H_{46}O$ Dehydrolanostenone, 181.
$C_{30}H_{48}O_2$ β-Amyradienonol, 39.
$C_{30}H_{48}O$ Lanostenone-B, 175.
γ-Lanostenone, 180.
$C_{30}H_{48}O_2$ Lanostenone oxide, 181.
Oleananic acids, 559.
$C_{30}H_{48}O_4$ Echinocystic lactone, 559.
$C_{30}H_{50}O$ Lanosterol, 172, 176.
γ-Lanosterol, 180.
ψ-Lupenol, 760.
$C_{30}H_{50}O_2$ Lupenediol, 760.
$C_{30}H_{50}O_3$ Lanostenetriol, 181.
$C_{30}H_{52}O_2$ Lupanediol, 759.
ψ-Taraxastanediol, 183.
$C_{30}H_{54}O_5$ Lanostenetriol diacetate, 181.

C_{31} Group.

$C_{31}H_{52}O_2$ Norlupanyl acetate, 760.

C_{32} Group.

$C_{32}H_{48}O_2$ β-Amyradienonyl acetate, 39.
$C_{32}H_{50}O_2$ β-Amyrenonyl acetate, 38.
$C_{32}H_{52}O_2$ Lanosterol-E acetate, 176.
γ-Lanosteryl acetate, 180.
ψ-Lupenyl acetate, 760.
$C_{32}H_{54}O_2$ Lupenediol acetate, 760.
ψ-Taraxasteryl acetate oxide, 184.
$C_{32}H_{54}O_2$ ψ-Taraxastanediol acetate, 183.
$C_{32}H_{54}O_4$ Lupanetriol acetate, 761.

32 III

$C_{32}H_{26}O_2N_6$ *β-iso*Indigodi-*p*-anisylidenedihydrazone, 635.
$C_{21}H_{30}O_2N_2$ Œstrone azobenzene-4-carboxylate, 795.
$C_{32}H_{51}O_2Br$ Bromo-β-amyranonyl acetate, 319.
$C_{32}H_{44}O_8Au_4$ Tetra-*n*-propylsuccinatodigold, 108.

C_{33} Group.

$C_{33}H_{44}O_7N_4S_2$ Anhydrogalactose phenylmethylphenylosazone di-*p*-toluenesulphonate, 753.
Ditosyl anhydroglucosephenylphenylmethylosazone, 754.

C_{34} Group.

$C_{34}H_{48}O_2$ $\Delta^{4:24}$-Cholestadienyl benzoate, 322.
$C_{34}H_{52}O_6$ Echinocystic *iso*diacetyl-lactone, 559.
$C_{34}H_{54}O_4$ Lupenediol diacetate, 760.

34 III

$C_{34}H_{34}ON_2$ 4-Keto-3:3-diphenyl-1:2-di-β-naphthyldimethylene-1:2-di-imine, 187.
$C_{34}H_{48}O_8Au_4$ Tetra-*n*-propylglutaratodigold, 108.

C_{35} Group.

$C_{35}H_{51}O_7N_3$ Echinocystic *iso*diacetyl-lactone semicarbazone, 559.

C_{36} Group.

$C_{36}H_{52}O_4$ *cis*-3:4-Dihydroxy-Δ^5-cholestene benzoate-acetate, 88.
$C_{36}H_{54}O_3$ 3-Benzoyloxyacetoxy-Δ^5-cholestenes, 87.

36 III

$C_{36}H_{72}O_8Au_4$ Tetra-*n*-propyladipatodigold, 108.

C_{37} Group.

$C_{37}H_{50}O_2$ β-Amyradienonyl benzoate, 39.
$C_{37}H_{52}O_2$ *iso*-α-Amyrenonyl benzoate, 319.

37 III

$C_{37}H_{53}O_2Br$ Bromo-α-amyranonyl benzoate, 319.

C_{38} Group.

$C_{38}H_{32}O$ *o*-Phenylbenzoyldiphenyl-*o*-diphenylylmethane, 482.
$C_{38}H_{30}O_2$ *s*-Diphenylbenzopinacols, 481.

38 III

$C_{38}H_{30}N_6Co$ Diphenylformazylbenzene, cobaltous complex, 825.
$C_{38}H_{30}N_6Cu$ Diphenylformazylbenzene, cupric complex, 826.
$C_{38}H_{30}N_6Ni$ Diphenylformazylbenzene, nickel complex, 825.
$C_{38}H_{76}O_8Au_4$ Tetra-*n*-propylpimelatodigold, 108.

38 IV

$C_{38}H_{28}N_6Br_2Co$ Phenyl-*p*-bromophenylformazylbenzene, cobaltous complex, 825.
$C_{38}H_{28}N_6Br_2Cu$ Phenyl-*p*-bromophenylformazylbenzene, cupric complex, 826.
$C_{38}H_{28}N_6Br_2Ni$ Phenyl-*p*-bromophenylformazylbenzene, nickel complex, 825.

C_{39} Group.

$C_{39}H_{30}O_2N_6Co$ Benzeneazobenzaldoxime, cobaltic complex, 825.

C_{40} Group.

$C_{40}H_{34}N_6Co$ Phenyl-*p*-tolylformazylbenzene, cobaltous complex, 825.
$C_{40}H_{34}N_6Cu$ Phenyl-*p*-tolylformazylbenzene, cupric complex, 826.
$C_{40}H_{34}N_6Ni$ Phenyl-*p*-tolylformazylbenzene, nickel complex, 825.
$C_{40}H_{80}O_8Au_4$ Tetra-*n*-propylsuberatodigold, 108.

40 IV

$C_{40}H_{34}O_2N_6Co$ Phenyl-*p*-methoxyphenylformazylbenzene, cobaltous complex, 825.
$C_{40}H_{34}O_2N_6Cu$ Phenyl-*p*-methoxyphenylformazylbenzene, cupric complex, 826.
$C_{40}H_{34}O_2N_6Ni$ Phenyl-*p*-methoxyphenylformazylbenzene, nickel complex, 825.

C_{42} Group.

$C_{42}H_{46}O_6N_6$ 2:8:2′:8′-Tetrabutyramido-5:10-dihydrodiacridyl 5:5′-ether, 124.

42 IV

$C_{42}H_{30}O_6N_2Co$ Benzeneazopiperonaldoxime, cobaltic complex, 825.
$C_{42}H_{26}O_2N_6Co$ Benzeneazo-*p*-tolualdoxime, cobaltic complex, 825.
p-Tolueneazobenzaldoxime, cobaltic complex, 825.
$C_{42}H_{30}O_6N_2Co$ Benzeneazoanisaldoxime, cobaltic complex, 825.

C_{46} Group.

$C_{46}H_{34}N_6Co$ Phenylnaphthylformazylbenzenes, cobaltous complexes, 825.
$C_{46}H_{34}N_6Ni$ Phenylnaphthylformazylbenzenes, nickel complexes, 825.

C_{48} Group.

$C_{48}H_{72}O_{12}Au_6$ Tetraethyl*iso*phthalatodigold, 108.

48 IV

$C_{48}H_{69}O_{18}N_3Au_6$ Tetraethyl-4-nitro*iso*phthalatodigold, 108.

ERRATA.

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Page	Line	
634	23	*For* " $[\alpha]_{\lambda}^{20°}$ " *read* " $[\alpha]_{\lambda}^{17°}$."

Vol., 1940.

1505	24	*For* " (0·45 g.) " *read* " (0·045 g.)."
1543	2 *	*For* " α " *read* " $[\alpha]_D$."

Vol., 1941.

122	Fig.	*For* " Mols. $ZnCl_2$ " *read* " Mols. $ZnCl_2$ per mol. *m*-phenylenediamine."
124	22 *	*For* " very soluble " *read* " very sparingly soluble."
487	7	*After* " and " *insert* " treated with sodium amalgam (50 g.; 2%), followed by."
558	formula (VII)	Insert a methyl group in the *p*-position with respect to $OH^{(1)}$.

* From bottom.

SYMBOLS FOR THERMODYNAMICAL AND PHYSICO-CHEMICAL QUANTITIES AND CONVENTIONS RELATING TO THEIR USE, ADOPTED AS RECOMMENDED PRACTICE BY THE CHEMICAL SOCIETY.

(Where two or more symbols separated by commas or semicolons are given for a quantity, these symbols are to be regarded as alternatives for which no preference is expressed. On the other hand, where two symbols are separated by a dotted line, the former is the first preference.)

1. To be Printed in Black Italic.

(Certain important physical constants.)

F Faraday's constant.
J Mechanical equivalent of heat.
N Avogadro's number.
R { Gas constant per mol. / Rydberg's constant.
c Velocity of light in vacuo.
e Electronic charge (charge equal and opposite in sign to that of an electron).
g Acceleration due to gravity (standard value, if variation from standard is significant).
h Planck's constant.
k Boltzmann's constant.
m Rest mass of an electron.

2. To be Printed in Ordinary Italic, when not Greek.

General Physics and Chemistry.

Length	l
mean free path of molecules	l
height	h
diameter, distance	d
diameter of molecules	σ
radius	r
Mass	m
molecular weight	M
atomic weight	A
atomic number	Z
gram-equivalent weight	Z, J
Time	t
time interval, especially half- or mean-life	τ
frequency	ν
Velocity	v; c, (u, v, w)
of ions	u (with subscript)
angular	ω
Acceleration	$f \ldots a$
due to gravity (as variable)	g

Force	F, (X, Y, Z
Moment of inertia	I
Pressure	p, P
especially osmotic	Π
Volume	v, V
Density	ρ . . . d
Compressibility	κ . . . K
Viscosity	η
Fluidity	ϕ
Surface area	A . . . s
Angle of contact	θ
Surface tension	γ . . . σ
Parachor	$[P]$
Surface concentration excess	Γ
Number of mols	n
Concentration, mol fraction	N, x
in other terms	c, C
Solubility	s
Diffusion coefficient	D
Chemical equilibrium constant (products/reactants)	K
solubility product	K_s . . . L
Velocity constant of chemical reaction	k
Number of molecular collisions per second	Z
Partition function	f
Efficiency, of any process	η
Wave function	ψ

Heat and Thermodynamics.

Temperature, on absolute scale, (°K)	T
on other scales	θ . . . t
Thermal conductivity	k
Energy (general symbol)	E
Work done by or on a system	w . . . W
Heat entering a system	q
Specific heat	c_p and c_v
molecular heat	C_p and C
Ratio of specific heats	γ
Latent heat, per g.	l
per mol	L
Intrinsic energy	U . . . E
Enthalpy, total heat, or heat content	H
Entropy	S
Free energy (Helmholtz)	A . . . F
Thermodynamic potential, Gibbs function, free energy (G. N. Lewis)	G

Vapour pressure constant	i
Chemical potential	μ
Activity	a
coefficient (for molar concentration)	f
Osmotic coefficient	g
Van 't Hoff's factor	i

Electricity.

Quantity of electricity	Q
especially electrostatic charge	e
Potential (difference)	V
Volta potential	V
electrokinetic potential	ζ
especially electromotive force of voltaic cells	E
Potential gradient, in electric field	X
Electronic exit work function	ϕ
Current	I
Resistance	R
specific resistance	ρ . . . r
specific conductance	κ . . . σ
Inductance, self	L
mutual	M
Electrostatic capacity	C
Dielectric constant	ϵ
Dipole moment	μ

Electrochemistry.

Degree of electrolytic dissociation	α
Valency of an ion	z
Ionic strength	I
Equivalent conductance	Λ
equivalent ionic conductance, "mobility"	l (with subscript)
Transport number	T (with subscript) . . . n (with subscript)
Single electrode potential	e (with subscript), E (with subscript)
Electrolytic polarisation, overvoltage	η . . . π

Magnetism.

Magnetic field strength	H
flux	ϕ
permeability	μ
susceptibility—volume	κ
mass	χ
moment	M
induction	B

Optics.

Wave length	λ
Wave number	ν
Intensity of light	I
Refractive index	n (with subscript)
	. . . μ (with subscript)
specific refraction	r (with subscript)
molecular refraction	$[R]$ (with subscript)
Molar extinction coefficient	ϵ
Angle of (optical) rotation	α
specific rotation	$[\alpha]$
Specific magnetic rotation	ω

3. To be Printed in Roman, when not Greek.

(a) *Examples of Mathematical Constants and Operators.*

Base of natural logarithms	e
Ratio of circumference to diameter	π
Differential	d
partial	∂
Increment	Δ
very small increment	δ
Sum	Σ
Product	Π
Function	f, ϕ

(b) *Examples of single-letter abbreviations.*

*Ampère (in sub-units)	a.
Volt	v.
Ohm	Ω.
Watt	w.
Farad	f.
Henry	h.
Centigrade	c.
Fahrenheit	f.
Kelvin	k.
Ångström unit	a.
micron	μ.
metre	m.
gram	g.
litre	l.
Röntgen unit	r.
†Normal (concentration)	n.
†Molar (concentration)	m.

* *E.g.* "ma." for "milliampère"; but "amp." is preferred for "ampère."

† Separated by a hyphen (and no full stop) from a chemical formula which follows it.

The following prefixes to abbreviations for the names of units should be used to indicate the specified multiples or sub-multiples of these units:

M	mega-	$10^6 \times$
k	kilo-	$10^3 \times$
d	deci-	$10^{-1} \times$
c	centi-	$10^{-2} \times$
m	milli-	$10^{-3} \times$
μ	micro-	$10^{-6} \times$

e.g., MΩ. denotes megohm; kw., kilowatt; and μg., microgram. The use of μμ. instead of mμ. to denote 10^{-7} cm., or of γ to denote microgram is deprecated.

4. Subscripts and other Modifying Signs.

(a) *Subscripts to symbols for quantities.*

I, II . . .	*especially with symbols for thermodynamic functions*, referring to different systems or different states of a system.
1, 2 . . .	
A B .	referring to molecular species A, B, etc.
i	referring to a typical ionic species i.
u	referring to an undissociated molecule.
+, −	referring to a positive or negative ion, or to a positive or negative electrode.
p, v, T	indicating constant pressure, volume, and temperature respectively.
q	indicating adiabatic conditions.
w	indicating that no work is performed.
p, c, a	*with symbol for an equilibrium constant*, indicating that it is expressed in terms of pressure, concentration, or activity.
G, V, L, X	referring to gas, vapour, liquid, and crystalline states, respectively.
f, e, s, t, d	referring to fusion, evaporation (vaporisation of liquid), sublimation, transition, and dissolution or dilution respectively.
c	referring to the critical state or indicating a critical value.
0	referring to a standard state, or indicating limiting value at infinite dilution.
D, D, F	*with symbols for optical properties*, referring to a particular wavelength.

Where a subscript has to be added to a symbol which already carries a subscript, the two subscripts may be separated by a comma or the symbol with the first subscript may be enclosed in parentheses with the second subscript outside.

(b) *Other modifying signs.*

°	*as right-hand superscript to symbol (particularly to a symbol for a general thermodynamic function—see p. 5)*, referring to a standard state.
[ ]	*enclosing formula of chemical substance*, indicating its molar concentration.
{ }	*enclosing formula of chemical substance*, indicating its molar activity.

In crystallography it is recommended that:

Millerian indices be enclosed in parentheses, ( );
Laue indices be unenclosed;
Indices of a plane family be enclosed in braces, { };
Indices of a zone axis or line be enclosed in brackets, [ ].

Numerals attached to a symbol for a chemical element in various positions have the following meanings:

upper left	mass number of atom.
lower left	nuclear charge of atom.
lower right	number of atoms in molecule.

e.g., ${}^{7}_{3}\mathrm{Li}$; ${}^{2}_{1}\mathrm{H}_{2}$ (= D_{2}).

ALPHABETICAL INDEX OF RECOMMENDED SYMBOLS, and single-letter abbreviations.

including all those given in the above lists except prefixes, subscripts and other modifying signs.

The name of any quantity for which a given symbol is a second preference is printed in parentheses.

A free energy—Helmholtz; atomic weight; surface area.
A. Ångstrom unit.
a activity; (acceleration).
a. ampère, in sub-units—see footnote, p. 2093.
B magnetic induction.
C concentration; electrostatic capacity.
with subscript: molecular heat capacity.
c. Centigrade.
c velocity of light in vacuo.
c velocity; concentration.
with subscript: specific heat.
D diffusion coefficient.
d diameter; distance; (density).
d differential.
∂ partial differential.
E energy; (intrinsic energy); potential difference, especially electromotive force of voltaic cells.
with subscript: single electrode potential.
e electronic charge—charge equal and opposite in sign to that of an electron.
e quantity of electricity, especially electrostatic charge.
with subscript: single electrode potential.
e base of natural logarithms.
F Faraday's constant.
F force; (free energy—Helmholtz).
F. farad; Fahrenheit.
acceleration; activity coefficient, for molar concentration; partition function.

f function.
G thermodynamic potential, Gibbs function, free energy—G. N. Lewis.
g acceleration due to gravity, standard value.
g acceleration due to gravity, as a variable; osmotic coefficient.
g. gram.
H enthalpy, total heat, heat content; magnetic field strength.
H. henry.
h Planck's constant.
h height.
I moment of inertia; ionic strength; electric current; intensity of light.
i vapour pressure constant; van 't Hoff's factor.
J mechanical equivalent of heat.
J gram-equivalent weight.
K chemical equilibrium constant; (compressibility).
K, solubility product.
K. Kelvin.
k Boltzmann's constant.
k thermal conductivity; velocity constant of chemical reaction.
L latent heat per mol; self inductance; (solubility product).
l latent heat per g.; length; mean free path of molecules.
with subscript: equivalent ionic conductance, "mobility".
l. litre.
M molecular weight; mutual inductance; magnetic moment.
M. molar concentration.
m rest mass of an electron.
m mass.
m. metre.
N Avogadro's number.
N mol fraction.
N. normal concentration.
n number of mols.
with subscript: (transport number).
with subscript: refractive index.
P pressure.
[*P*] parachor.
p pressure.
Q quantity of electricity.
q heat entering a system.
R gas constant per mol; Rydberg's constant.
R electrical resistance.
[*R*] *with subscript:* molecular refraction.
r radius; (specific resistance).
with subscript: specific refraction.
r. Röntgen unit.
S entropy.
s solubility; (surface area).
T temperature, on absolute Kelvin scale.
with subscript: transport number.
time; (temperature—not on absolute scale).

U intrinsic energy.
u velocity component.
with subscript : velocity of ions.
V volume; potential, potential difference, including Volta potential.
v. volt.
v volume; velocity; velocity component.
W (work done by or on a system).
w. watt.
w work done by or on a system; velocity component.
X force component; potential gradient in electric field.
x mol fraction.
Y force component.
Z force component; g.-equivalent weight; number of molecular collisions per second; atomic number.
z valency of an ion.

α degree of electrolytic dissociation; angle of optical rotation.
$[\alpha]$ specific optical rotation.
Γ surface concentration excess.
γ ratio of specific heats; surface tension.
Δ increment.
δ very small increment.
ϵ dielectric constant; molar extinction coefficient.
ζ electrokinetic potential.
η efficiency of any process; viscosity; electrolytic polarisation, overvoltage.
θ angle of contact; temperature—not on absolute scale.
κ compressibility; specific conductance; magnetic susceptibility—volume.
Λ equivalent conductance.
λ wave length.
μ chemical potential; dipole moment; magnetic permeability.
with subscript : (refractive index).
μ. micron.
ν frequency ; wave number.
Π pressure, especially osmotic pressure.
Π product.
π (electrolytic polarisation, overvoltage).
π ratio of circumference to diameter.
ρ density; specific resistance.
Σ sum.
σ diameter of molecules; (surface tension); (specific conductance).
τ time interval, especially half or mean life.
ϕ fluidity; electronic exit work function; magnetic flux.
Φ function.
χ magnetic susceptibility—mass.
ψ wave function.
Ω. ohm.
ω angular velocity; specific magnetic rotation.